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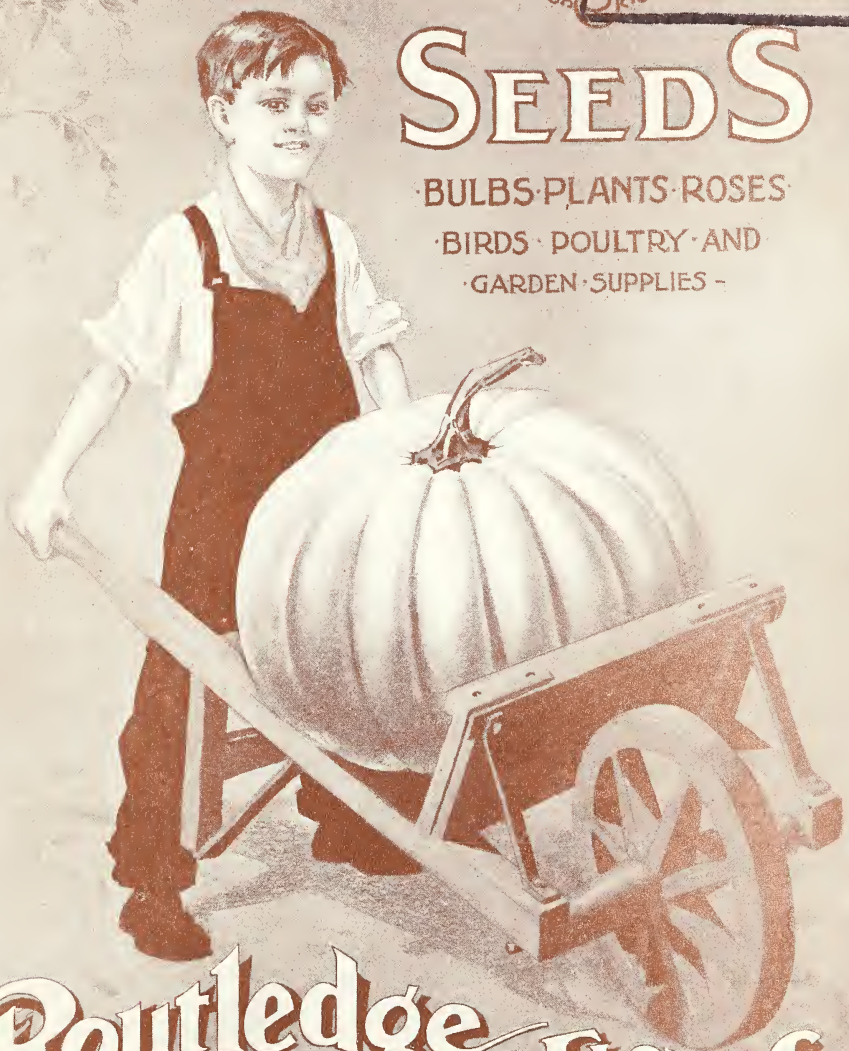
OUR COMPLETE ANNUAL CATALOG

CATALOG RECEIVED
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HIGHEST QUALITY

SEEDS

BULBS · PLANTS · ROSES ·
BIRDS · POULTRY · AND ·
GARDEN · SUPPLIES ·

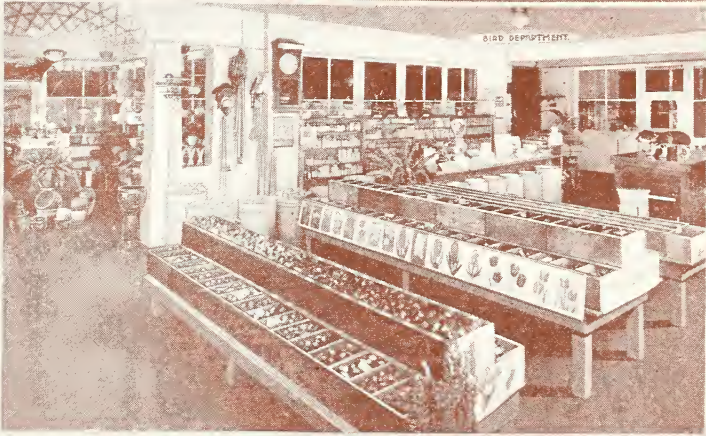


Routledge SEED & FLORAL CO.

WEST SIDE STORE
145-147 - 2ND ST.

PORTLAND - ORE.

EAST SIDE STORE
GRAND AV. - COR. STARK



Main part of our Salesroom at our East Side Store



Main part of our Salesroom at our West Side Store

OUR 1928 COMPLETE ANNUAL CATALOG

A Truthful, Reliable Western Catalog for Western Buyers

Portland, Ore., January 1, 1928.

Greetings to Our Customers and Friends:

On this New Year's day we extend to all our customers and friends the "season's greetings." We wish you a very happy, prosperous and successful new year.

We have re-written and revised this catalog and made it right up to date. Some stocks have been discarded and others of increased value added.

We have made prices very low although increased costs and some short crops really do not warrant it, but we'll hope to gain by increased business.

Remember our motto is "Quality First," then prices as low as we can make them. We are catering to the planters, growers and poultry keepers that appreciate "Highest Quality" and good service. We are in close touch with the world's best markets and know that our "prices" and "quality" are right. Thousands of our customers testify to this. You will find a few reports scattered throughout this catalog. These unsolicited reports are encouraging and our rapidly increasing business leads us to believe we are supplying satisfactory stocks and giving efficient service. See illustrations of our East and West Side salesrooms, inside front cover.

We certainly appreciate the support given us and thank you sincerely for past orders, and hope that we will have the pleasure of serving you again this year.

Routledge Seed & Floral Co.

NEW EAST SIDE STORE AND WAREHOUSE, Grand Avenue, corner East Stark.

MAIN OFFICE, MAIL ORDER, RECEIVING DEPT., Grand Avenue, corner Stark.

WEST SIDE STORE, 145-147 Second Street between Morrison and Alder.

U. S. PARCEL POST RATES AND REGULATIONS

BY PARCEL POST.—We do a direct mail order business with our customers. This enables us to give you direct and personal attention, quick service and lower prices.

Size and Weight of Parcel Post Packages

Packages cannot be sent that measure over 84 inches in length and girth combined. The weight limit for the local, first, second and third zones is 70 pounds. The weight limit for the third to eighth zones is 50 pounds, except as follows:

ALASKA, MEXICO, CUBA, HAWAII, PANAMA and the PHILIPPINES take the 8th zone rate with a WEIGHT LIMIT OF 20 LBS. Note—Postage must be added in lb. lots or over.

CANADA postage rate is 14c for every pound or fraction thereof with a WEIGHT LIMIT OF 15 LBS. ADD POSTAGE IN LB. LOTS OR MORE.

Zones

Postage Rates

First and second zone..	50 to 150 miles, first lb.	7c and each additional lb. or fraction	1c
Third zone	150 to 300 miles, first lb.	8c and each additional lb. or fraction	2c
Fourth zone	300 to 600 miles, first lb.	9c and each additional lb. or fraction	4c
Fifth zone	600 to 1,000 miles, first lb.	10c and each additional lb. or fraction	6c
Sixth zone	1,000 to 1,400 miles, first lb.	11c and each additional lb. or fraction	8c
Seventh zone	1,400 to 1,800 miles, first lb.	13c and each additional lb. or fraction	10c
Eighth zone	all over 1,800 miles, first lb.	14c and each additional lb. or fraction	12c

ALL MISCELLANEOUS MERCHANDISE offered in this catalog THAT CAN BE SENT BY PARCEL POST is marked P. P. and the PACKED WEIGHT is given so that extra money for POSTAGE can be remitted according to the table above, OTHERWISE we will send by freight or express. Read page 4.

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OUR FALL CATALOG READY ABOUT SEPTEMBER 1ST

Our Fall Catalog of Flowering Bulbs is issued about September 1 each season. If you would like a copy, make your request at any time and we will put your name on the mailing list for catalog in season.

PREMIUM FOR ORDERS, BEFORE FEB. 15TH

Note—Between January 1st and February 15th, 1928

3 10c Pkts. of Seeds or 50c Worth (1 Doz.) Superb Mixed Gladioli Bulbs

To stimulate early mail orders, so as to save some extra help in the mail order department during "the spring rush," we offer free as stated above your choice of either the Seed or Bulb Premium, provided your cash order amounts to \$1.00 or over.

Don't Delay. Order at once for every mail order received before February 1st will get a "Surprise Premium" in addition to above.

By Mail or Parcel Post

On Cash Orders we will at prices printed in this catalog send by prepaid parcel post all Seeds in packets, ounces or single pounds, anywhere in the United States.

Small Plants (not potted), Bulbs and Roots are postpaid, unless otherwise stated.

SEEDS IN BULK.—When you order Seeds in quantity above 1 lb., add postage, unless otherwise stated. (See parcel post rates, page 1.)

TOOLS, SUPPLIES, FOODS, REMEDIES, ETC.
—On this class of goods we have marked the

parcel post weight, including packing (PP. Wgt.), so that you can add postage to catalog prices if you want them by parcel post. PP. Wgt. does not mean postpaid.

HARDY FLOWERING SHRUBS, SMALL FRUIT, BERRY and ORNAMENTAL SHRUBS and PLANTS, CLIMBING VINES and 2-YEAR-OLD ROSE BUSHES can be sent by parcel post if necessary, but be sure you send extra money for packing and postage. Postage and packing charges will be specified on the different pages unless the prices are postpaid.

NOT MAILABLE.—Plants in pots, large branching shrubs, Evergreens of all kinds, that must be balled in earth. Fruit and Shade Trees cannot be sent by Parcel Post. Neither can Insecticides that are poisonous, flower pots, jardinières, bird cages, or liquids in larger than 1-pint cans.

By Freight or Express

We DO NOT at catalog prices pay freight or express charges on any stock we offer, unless so stated; therefore, take note of the following paragraphs:

ORDER EARLY.—We aim to execute all orders as soon as received, but during the rush season, March and April, short delays may occur, which, however, can be overcome by our patrons anticipating their wants and ordering and taking delivery of their requirements early.

CORRESPONDENCE.—We try to give prompt attention to all proper letters of inquiry, etc., but ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets.

OUR TERMS ARE STRICTLY CASH—NO C. O. D. SHIPMENTS.—The proper remittance must in all cases accompany the order. Send money by bank draft, postoffice or express money order. Personal checks if O. K., also postage stamps for small amounts. We will not be responsible for stamps or coin sent in unregistered letters.

LARGE ORDERS.—Any gardener, institution or individual wishing seeds, plants, trees or supplies in large quantities is requested to mail a list of what is wanted, stating grade, size or amount, and we will promptly return it with our very lowest prices. A letter of inquiry may save you dollars if you want to buy in QUANTITY, or some PARTICULAR STOCKS.

PREPAY STATIONS.—When you send in orders to go by freight or express be sure you send extra money to pay the transportation charges if your station is a prepay point, which is always the case where there is no regular agent. If you send more than enough, we will refund it as soon as we get the prepay bill. If not enough, we will write for the balance and expect you to remit promptly.

SEASONABLE STOCKS.—Many customers order plants and bulbs out of season—that is, before we get stocks in or perhaps too late in the spring. Rather than delay the balance of your order, we will send what is seasonable at once and defer the balance until proper planting season unless otherwise instructed.

REPORTS—GOOD OR BAD.—Will you help us to attain greater success by writing and telling us how our Seeds and Supplies reach you, how they grow and how you like them? We will certainly appreciate it. Your criticisms, if you have any, as well as your praises, are desired.

MISTAKES.—These will happen occasionally, in spite of all care. Write us at once, with copy of original order, if possible, and mistakes will be promptly rectified.

NOTE.—We use every precaution in procuring fresh, pure and reliable seeds, etc., but we, in common with other responsible seed houses, sell our goods subject to the following disclaimer, it being that adopted by the American Seed Trade Association, i. e.: We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, nursery stock, roots or plants sent out and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned at once.

ROUTLEDGE SEED & FLORAL CO.

ARTICHOKE

LARGE GREEN GLOBE.—The well-known French vegetable; the undeveloped flower heads, when properly prepared, make a most delicious dish. Pkt. 15c; oz. \$1.25

White Jerusalem.—Tubers grown for stock. See page 42.

ASPARAGUS

Washington Rustproof

The strain we offer has been produced from seed of the most uniform rust-resistant, highest yielding, largest in size and quickest-growing plants in the original selections by the U. S. Department of Agriculture.

Pkt. 15c; oz. 50c; 4 oz. \$1.50; lb. \$4.50

PALMETTO

Early, prolific; large, thick, dark-green shoots of delicious quality. The most popular commercial variety.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

COLUMBIAN MAMMOTH WHITE.—Gives immense yield of large, clear, white shoots; very tender and of excellent flavor.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

ASPARAGUS ROOTS.—You can save two or three years' time by buying Asparagus Roots. For prices, see Vegetable Roots, page 98.

GARDEN BEANS

DWARF OR BUSH GREEN PODDED KINDS

~~~~~  
 PACKET, ½-LB. AND 10-LB.  
 PRICES ARE PREPAID. WRITE  
 FOR LOW QUANTITY PRICES.  
 ~~~~~

STRINGLESS GREEN POD

This famous Bean is unequaled as a first-early; also for main crop.

It combines unusual hardiness, extreme earliness, and wonderful productiveness with handsome appearance and finest quality of pods.

By repeated plantings pods may be had in constant succession from spring until cut off by heavy frosts in the fall. The pods are of the finest quality, of a rich green, very round and slightly curved, medium long, solid, meaty and plump. The pods are tender, brittle, and of finest flavor, always entirely stringless even when fully grown.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00.

EARLY REFUGEE.—An old and popular variety. Pkt. 10c; lb. 30c

ROUTLEDGE STRINGLESS REFUGEE

An improved stringless strain. Very hardy and extremely productive. Pods round and straight, tender, brittle, absolutely stringless and of finest quality; medium early. Great improvement over Refugee or 1,000 to 1. Excellent home or market variety as a "snap." Unsurpassed for picking or canning. Second early.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00



DWARF HORTICULTURAL

The best dwarf sort for green shell beans for the home garden and market. Plants very productive, pods broad and thick, with splashes of bright red on a yellowish ground. They become fit as green shelled beans early; are large, easily shelled and are about equal to the Lima in quality. Our stock is true, all dwarf and unsurpassed.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

Market and Truck Gardeners should write us for special prices and state quality and kinds wanted. We'll save you money and you will get "Highest Quality" Seeds.

BEANS — Continued

DWARF OR BUSH — YELLOW PODDED

All Bean Prices Postpaid. Special prices on larger quantity

WARDWELL'S KIDNEY WAX

A popular and well-known variety; pods long, golden-yellow, brittle and stringless; seed white, with dark markings about the eye. Market gardeners find this bean one of the most profitable.

Large pkt. 10c; 1/2 lb. 20c; lb. 35c; 10 lbs. \$3.00

SURECROP STRINGLESS WAX

A prolific cropper, superlative quality, handsome yellow pods 6 to 7 inches in length, fleshy but almost round, very meaty and sweet, and perfectly stringless. Plant is free branching, but perfectly sturdy and upright. Valuable for its productiveness and disease-resisting qualities.

Pkt. 10c; 1/2 lb. 20c; lb. 35c; 10 lbs. \$3.00



New Brittle Wax

Woodland, Wash., Feb. 23, 1927.

Routledge Seed & Floral Co.

Sirs: We have had nothing but success with the seeds, plants and roots we have received from you, and we wish to thank you for the promptness in filling our orders, the quality of seeds and the freshness of plants mailed us in the past. Also for the trial packets, which did fine. You will notice repeat orders of them.

Sincerely,

MRS. L. C. PECK.

PENCIL POD BLACK WAX

Early and Stringless

The dwarf, bushy plants produce in profusion; beautiful, long, straight yellow pods that are well rounded, deeply "saddle backed," very meaty and solid. Rich and mild in flavor and entirely stringless. Improvement over Prolific Black Wax.

Pkt. 10c; 1/2 lb. 20c; lb. 35c; 10 lbs. \$3.00

STRINGLESS WHITE WAX

An exceptionally fine, hardy, white-seeded, flat-podded wax bean of really choice quality, and most attractive appearance when cooked. The pods remain tender longer than those of any other variety, and the plants continue to bear for a long period. The pods are straight, of a bright lemon-yellow, brittle, meaty, and entirely stringless at all stages of growth. The seeds, being large and pure white, are most desirable as shell beans for both summer and winter use.

Pkt. 10c; 1/2 lb. 20c; lb. 35c

NEW BRITTLE WAX

Extremely early and of such superb quality it might almost be called "Best of All." The plants are of vigorous growth with light foliage, and appear completely loaded with handsome pods, which are nearly straight. Long, round, fleshy, tender, "brittle" and entirely stringless at all stages of growth. The pods are unexcelled as snap beans. Seed almost white, showing only a small dark dot at the eye.

Large pkt. 10c; 1/2 lb. 20c; lb. 35c; 10 lbs. \$3.00

DAVIS KIDNEY WAX

Hardy and productive. The pods are long, white, straight, good lookers, good shippers, clear, waxy white, straight, good lookers, good shippers, but only fair quality unless used young. Seeds white and make good dry beans. Brittle Wax is of higher quality.

Large pkt. 10c; 1/2 lb. 20c; lb. 35c; 10 lbs. \$3.00

IMPROVED GOLDEN WAX

Medium early, heavy cropper, vine vigorous. May be sown early or late with the assurance of a good crop. Pods are golden yellow, fleshy and solid, brittle, waxy texture and have an exceptionally rich, buttery flavor. Excellent for home or market garden.

Large pkt. 10c; 1/2 lb. 20c; lb. 35c; 10 lbs. \$3.00

USE BUG DEATH

On bean plants to kill aphids and beetles. Also revives and aids production. Page 102.

Routledge Giant Pole Bean

Of Superb Quality — Entirely Stringless

If you have not grown this Bean, by all means do so this season. It is a quick grower, quite early and produces the MOST WONDERFUL LONG, PLUMP, MEATY PODS that are TENDER, BRITTLE and of DELICIOUS MILD FLAVOR when cooked.

This Bean of unknown origin is called by some Dickenson's Yount, Mother's Favorite, Oregon Giant, etc., and has been grown in a small way locally by those who have been fortunate enough to secure a few seeds.

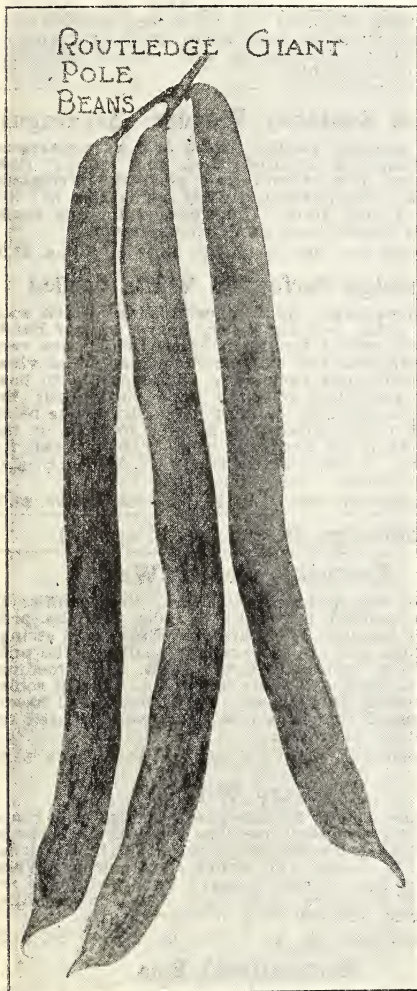
We have improved the quality by careful selection and offer it as ROUTLEDGE GIANT. It produces an ENORMOUS LOT of GIANT PODS from early in the season until frost.

We have been trying for years to grow enough seed to supply all our customers. Last year we had enough—this year we are very short. Locally they keep green so late that the fall rains and frost spoil the seed.

The mammoth 10 to 12-inch pods of ROUTLEDGE GIANT picked in their prime are ENTIRELY STRINGLESS. The QUALITY IS SUPERB for canning or used fresh as a stringless "snap" bean. As a SALAD BEAN whole or sliced, and served with dressing it is DELICIOUS. The pale green pods are lightly penciled with carmine which disappears when cooked. The illustration on this page is from a photograph and the beans are about one-third natural size. Order early. Our stock is limited again this year.

Large pkt. 20c; ½ lb. 35c; lb. 60c

NOTE. — You better order early this year. We run out of "Giant" beans most every year.



Above pods about one-third natural size when full grown

Garden Valley, Idaho,

Routledge Seed & Floral Co.,

Dear Sirs: This is my third season of ordering seeds from you. They have always proved satisfactory to me—were just as advertised. The Routledge Giant Pole Bean is simply wonderful; it is just the thing for canning.

Very truly yours,

MRS. E. L. WEBB.

A Few Convincing Reports

Denmark, Ore.

Routledge Seed Co.

Dear Sirs: I won for two years first prize at the Myrtle Point Fair with your Routledge Giant Beans. I hope I will win a prize next year too.

Yours truly,

FRANCIS KREUTZER.

Philomath, Ore.

Routledge Seed & Floral Co.,

Dear Sirs: Am enclosing a small order for seed; have many left over from last year, as our garden is small. Your Routledge Giant Pole Bean is the best I ever ate. I like your seed best of all. Have bought seed of you for years; part of the time I was living in Portland.

Yours truly,

GEO. W. GARDNER.

Colton, Calif., Feb. 3, 1927.

Routledge Seed & Floral Co.,
Portland, Oregon.

Dear Sirs: Your Routledge Giant Pole Beans are sure the finest ever. They are very early and continue to yield until frost. I always grew them when I lived in Portland.

Yours truly,

MRS. J. L. CALDWELL,
415 E. I St.

Tacoma, Wash., May 10, 1927.

Routledge Seed & Floral Co.

Dear Sirs: We had some of the Routledge Giant Pole Beans last season and they were the best beans we had ever eaten.

Respectfully yours,

MRS. ROY I. FREDERICK.

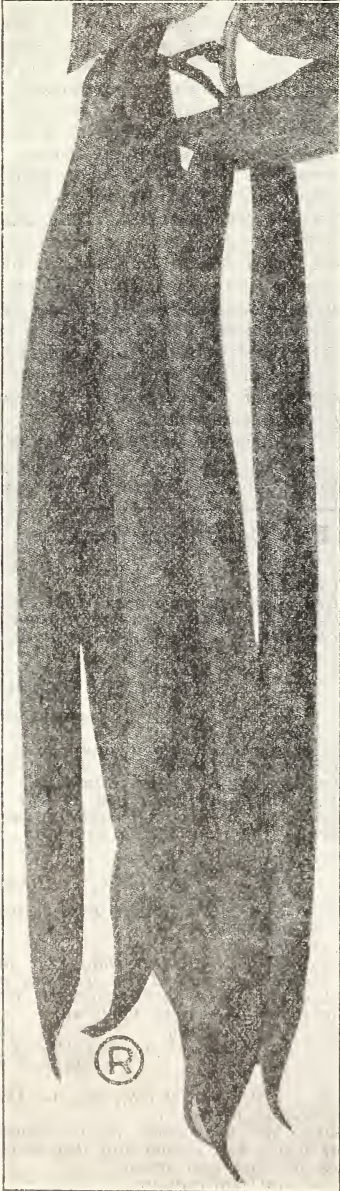
FOR THE HOME GARDEN WHERE SPACE IS LIMITED POLE BEANS ARE MOST DESIRABLE AS THEY ARE MORE PRODUCTIVE AND REQUIRE LESS GROUND SPACE.

CLIMBING POLE BEANS — Continued

Although pole beans require a little more care and labor, they are, when properly grown, usually of longer bearing period than the dwarf sorts and are much more productive.

Plant 6 to 8 beans in hills 3 feet apart. Use poles or heavy twine from overhead wires (hop-yard style).

All Bean Prices Postpaid. Special prices in large quantity. Write.



Routledge Perfection

FREE GARDEN BOOK

"MAKING THE GARDEN PAY"

Worth \$1.00 to any gardener, but you get it FREE ON REQUEST with an order of Vegetable Seeds amounting to \$2.00 OR MORE. It contains 78 pages size 6 x 9, well illustrated and chock full of vital information on planting, culture, harvesting and storing of all kinds of vegetables.

Improved Kentucky Wonder (Asparagus)

A very popular variety; often sold as asparagus. More extensively planted than any other. Pods green, very long, round and perfectly stringless. Enormously productive and early, remaining in "fit" condition a long time. Unsurpassed for the table, being very tender and of delicious flavor.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

Routledge Perfection White Seeded

It produces large, quick growing vines which soon cover the poles, bearing a very heavy crop of handsome green pods 8 inches in length which are very meaty, stringless and of delicious flavor. The vines produce their pods very early and continue to bear immense quantities of snap pods throughout the season. Excellent for canning. The dry beans being white and of good size when allowed to ripen on the vines, make it an excellent soup or bake bean for winter use. A re-selected strain of White Seeded Kentucky Wonder. (See illustration.)

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

Routledge Giant (see Page 7)

Kentucky Wonder Wax

The best wax podded pole bean. Very similar to the green podded Kentucky Wonder but the pods are a little broader. They are very fleshy and stringless as snaps and are of excellent quality. The pods are very long, handsome light yellow. Seed medium sized, oval, flattened, very irregular, usually somewhat shriveled, dark brown. Its earliness and hardiness commend this as a pole bean well adapted for Northwestern latitudes.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

Lazy Wife

One of the best of the late green podded pole beans for snap or green shell use. The medium green pods, borne in large clusters, are five to six inches long, broad, thick, fleshy and entirely stringless. When young they have a rich, buttery flavor which is retained until they are nearly ripe. The seed is white, medium size, slightly oval or nearly round.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

Horticultural Pole

Speckled Cranberry or Wren's Egg.—Vines vigorous, quite early. Pods short, broad, green streaked with bright red. Beans are round, splashed and spotted with red. Of fine quality, either as a green shelled bean or dry for winter use.

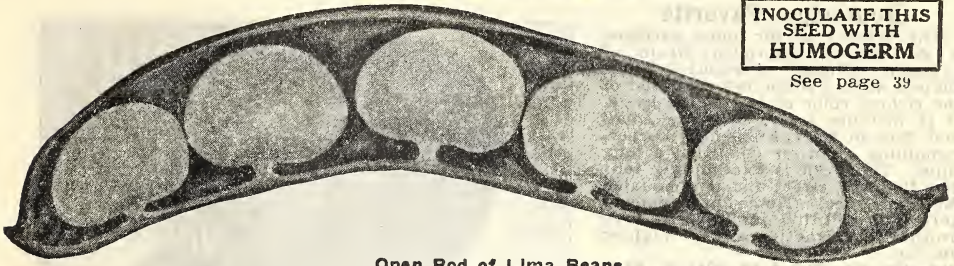
Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

Scarlet Runner

Grown extensively for ornamental purposes, as flowers are a most brilliant scarlet and borne profusely; beans are broad and flat, and of fine flavor when cooked, same as Lima beans.

Large pkt. 15c; ½ lb. 20c; lb. 40c

BEANS — Continued



INOCULATE THIS SEED WITH HUMOGERM

See page 39

Open Pod of Lima Beans

Oregon Pole Lima

Excellent for the Northwest. Strong, vigorous grower. In July the blooms come in long panicles from the top shoots and the large, broad pods are freely produced until frost. The large, plump, white beans are of delicious quality, green, shelled or dry. They are in "prime condition" when the pods begin to turn yellow. Oregon grown, acclimated seed.

Large pkt. 10c; ½ lb. 25c; 1c. 40c; 10 lbs. \$4.50

DWARF OR BRUSH LIMA

BURPEE'S IMPROVED BUSH LIMA.—Best of the Bush Lima type. Very large, broad pods, excellent flavored beans, borne on large, vigorous plants. Extremely prolific. Pods contain from four to six very large beans of greenish white color.

Pkt. 10c; ½ lb. 20c; 1b. 35c; 10 lbs. \$3.00

Routledge Early Prize Pole Lima

By careful selection we now offer a strain that is early enough to actually mature a full crop of dry beans in the early fall. The vines are vigorous and remarkably productive. The green shell beans are large, very tender and of finest quality. It has the rich, buttery flavor, always desired but seldom found.

Large pkt. 20c; ½ lb. 30c; 1b. 50c

Ketchikan, Alaska, March 21, 1927.

Dear Sirs: I am enclosing an order for garden seeds and fertilizer. I am giving you my entire order this year; last year, I ordered some of the seed closer to home, but they did not do near so good. I missed your Wonderful Lettuce seed. I sure raise fine head lettuce from your lettuce seed and the prize peas can not be beat.

We raised 100 Gladiali here last year and they sure did fine. The Lillies and Phlox arrived in fine condition.

Yours sincerely,

FRANK D. STEINER.

Commercial or Dry Table Beans

The stocks we offer are of known varieties, acclimated and hand-picked and grown especially for seed—by far the safest, best and most profitable in the end.

Improved Tree Bean

Early, Wonderful, Productive

On account of its snowy whiteness and uniformly small size, it commands the highest price in all markets. The plants grow upright, have less foliage than most varieties and hold the pods well up from the ground, thus keeping the beans from getting dirty and discolored. The pods are very freely produced, are long and well filled. The dry bean is small, white, plump and almost round. Cooking and eating qualities are unsurpassed.

Prices: Large pkt. 10c; 1b. 25c; 10 lbs. \$2.00. Write for quantity price.

RED MEXICAN.—An excellent dry bean for winter use. Used extensively for baking and Spanish dishes.

Large pkt. 10c; 1b. 25c; 10 lbs. \$2.00

Castor Bean

Used for medicinal purposes and by some claimed to keep moles away. Ornamental foliage, 4 ft. Large pkt. 20c; 1b. \$1.00

To insure the greatest success

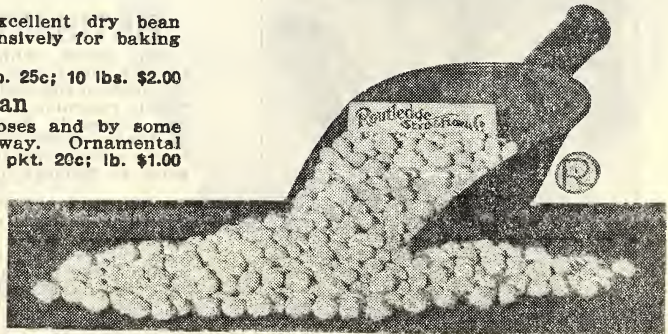
INOCULATE THIS SEED WITH HUMOGERM

See page 39

BROWN SWEDISH.—Dry beans, rather small, round, oblong, golden brown with a white eye. As a cooking or baking bean the quality is very superior, having a richness and flavor all its own. It is unusually productive, matures early. Pkt. 10c; 1b. 25c; 10 lbs. \$2.25

BROAD WINDSOR.—An English variety; large, broad, flat beans of delicious flavor; used as a shell bean. Good for hog pasture;

Large pkt. 10c; 1b. 35c; 10 lbs. \$3.00



Improved Tree Beans

All Bean Prices Postpaid. Write for low prices by the hundred lbs. For seed tables, quantity per acre, see inside back cover.

TABLE BEETS

Routledge Favorite

The best of all for home gardens. A re-selected, improved strain of **Crimson Globe**. Perfectly globe shaped, with a single tap root, and of the richest color of any of the beets. It is medium early, tops are small and dark in color, a splendid keeper, remaining in prime condition a long time. The flesh is exceedingly tender, fine and sweet and is unequaled for table use. Home and market gardeners will find our Favorite very profitable, attractive and of highest quality.

Pkt. 10c; oz. 20c; 4 oz. 60c; lb. \$2.00

Crosby's Egyptian

Popular variety for home gardens and market. Extremely early and reaches table size quickly. Tops dark green, beets very smooth, fine color, globe shape, slightly flattened. Flesh rich red, fine grained, sweet and tender. This variety will please you.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

Detroit Dark Red

Excellent variety, nearly globular, dark skin and rich red flesh, maturing early and keeping crisp and tender for a long time. Very popular with market gardeners and canneries.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

Improved Early Blood Turnip

This is the ideal beet for market gardeners. It is very symmetrical, with small tap root and but few fibrous roots; color outside is deep blood-red; fine grained and unsurpassed in quality. It continues to grow until late in the fall, attaining a large size and making a good selling and table beet for winter.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00



Routledge Favorite

HALF LONG BLOOD.—Quite popular. Excellent in shape and quality; yields well.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

SWISS CHARD, or Spinach Beet

GIANT LUCULLUS.—The leaves of this vegetable are used for "greens" and prepared in the same manner as Spinach; sometimes, however, the mid-rib is prepared like asparagus. Seed planted early in the spring will quickly produce plants from which leaves may be cut all summer. New shoots continually spring up and make a fast growth, while those plants which are allowed to grow on without any cutting will make large curly leaves, with thick, light-colored mid-ribs, which are delicious when stripped, cooked and served like asparagus. You should not fail to plant at least one long row in your garden.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

BRUSSELS SPROUTS

The plants, which are very hardy, grow two or three feet high, and produce, from the sides of the stalks, numerous little sprouts, which resemble very small cabbages one or two inches in diameter. The leaves should be broken down in the fall, to give the little heads more room to grow. Grow and set out same as cabbage or kale, 2½ to 3 feet apart.

PERFECTION OR DALKEITH.—Plants are of dwarf growth and stems are thickly set with large, solid sprouts. This variety is very hardy and even during quite severe weather the plants maintain their sprouts; in fact, the flavor and quality is much improved by frost.

Pkt. 10c; oz. 30c; 4 oz. 85c

CHIVES.—See Vegetable Roots, page 35.



Swiss Chard or Spinach Beet

OUR GARDEN CULTIVATORS are priced very low and will save you much work in the garden. See page 105.

Stock Beets or Mangels

Excellent winter feed for horses, cattle, sheep, hogs and chickens. When fed in combination with grain they are worth almost as much, pound for pound, as the grain. This statement may seem absurd, but experience has proved that Mangels so aid digestion and assimilation by keeping the animals in a healthy condition, that they increase the feeding value of other feeds consumed, beside the nutrients the roots contain. Every farmer and poultryman should raise Mangels.

Giant Yellow Eckendorf

A new mangel of great merit. The roots are smooth, long and cylindrical in shape, very heavy, weighing up to 15 and 20 pounds each; grow two-thirds above ground. The flesh is firm, crisp and solid, white in color and of high feeding value. Our most popular variety. Best imported seed. (See cut No. 3.)

Pkt. 10c; oz. 15c; 4 oz. 25c; lb. 60c

Giant Half Sugar Mangel

Yields as much per acre as the best Mangels, and twice as much per acre (bulk or roots), as the rich sugar beet. Roots grow very large above the ground. Smooth, creamy white in color and very nutritious. Easily pulled. Excellent sort. (See illustration No. 1.)

Pkt. 10c; oz. 15c; 4 oz. 25c; lb. 60c

Mammoth Long Red

Very popular and much used. A large and heavy cropper. Dark red skin, with whitish flesh; grows one-half or more above the ground; roots quite regular; attain a very large size. (Same shape as No. 2.)

Pkt. 10c; oz. 15c; 4 oz. 25c; lb. 60c

NOTE.—Mangels, in 5-lb. or 10-lb. lots, 10c per lb. less; write for quantity prices.

Danish Sludstrup

An improved variety, considered one of the best. Awarded first class certificate. Color, reddish yellow, and of a distinct type. It is very hardy, grows well above ground; is easily pulled; very nutritious. (See cut No. 2.)

Pkt. 10c; oz. 15c; 4 oz. 25c; lb. 60c

Golden Tankard

An enormous yielder of weight per acre, and at the same time very nutritious; flesh deep-yellow, of fine shape, growing largely above ground, thus being easily harvested. (Same shape as cut No. 3.)

Pkt. 10c; oz. 15c; 4 oz. 25c; lb. 60c

SUGAR BEETS

FRENCH WHITE SUGAR.—The sugar beet most generally grown; most popular variety as it produces a large crop and is rich in sugar value. The young beets are fine for table use.

Pkt. 5c; oz. 10c; 4 oz. 30c; lb. 85c

BROCCOLI — Winter Cauliflower

Forms a head like cauliflower, but is much hardier; stands wet and cold better and gives excellent results. For fall use sow White French in March or April; St. Valentine in May or June, for late winter and early spring cutting. St. Valentine is very extensively planted by our local market gardeners for use in late winter and spring when cauliflower is out of season. Plant and cultivate same as cauliflower.

ROUTLEDGE "H. Q."

(Highest Quality)

ST. VALENTINE

In this seed we are offering our customers a very select, high-grade strain of the well-known St. Valentine. By selecting only the most perfect heads, those showing the most desirable leaf formation for the protection of the developing head and those of large size and perfect, compact heads, free from small center-head leaflets, we have produced this superb strain. Our H. Q. St. Valentine produces larger, later and far better heads that are much superior to those produced from the average seed sold of this variety. Our "H. Q." seed will produce the highest per cent of perfect heads and bring the "top" price.

The H. Q. St. Valentine seed we are offering this year is from just such perfect heads as shown herewith. It comes from the originators of this now famous variety.

H. Q., pkt. 15c; ¼ oz. 50c; oz. \$1.50; 4 oz. \$5.25; lb. \$20.00.

White French Broccoli

A select early strain, producing fine white heads of large size and excellent quality. Broccoli is hardier and easier to grow than cauliflower, and this variety comes into head and can be cut in the fall and winter, depending on earliness of planting.

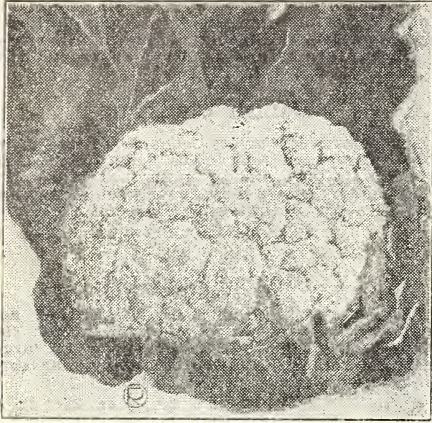
Pkt. 10c; oz. 90c; 4 oz. \$3.00; lb. \$9.00



"H. Q." St. Valentine Broccoli

Hundreds of our customers praise "Marvel" Fertilizer and buy it every year. You try it; we are sure you will like it; also "H. Q." Sheep Manure; see pages 37-38.

"Highest Quality" CAULIFLOWER Plants, Page 35



Routledge Snow White

EXTRA EARLY SNOWBALL

This is the very choicest, selected strain of the popular Dwarf type, and is remarkable for its extreme earliness and reliability in heading. Medium size heads of excellent quality. Pkt. 10c; ¼ oz. 60c; oz. \$2.00

VEITCH'S AUTUMN GIANT.—A large, late variety, very hardy. The heads are well protected by the foliage, enabling it to resist unfavorable climatic conditions. Pkt. 10c; ¼ oz. 50c; oz. \$1.00; 4 oz. \$3.50

ALGIERS.—A very strong-growing late variety, with large leaves of a bluish cast. In cool locations and rich soil it produces very large, solid, white heads late in the fall. Pkt. 10c; ¼ oz. 35c; oz. \$1.25; 4 oz. \$4.00

CHICORY

LARGE ROOTED OR COFFEE.—Grown quite extensively for the large, thick roots, which are sliced, dried, roasted and ground as a substitute or adulteration for coffee. Pkt. 10c; oz. 40c; 4 oz. \$1.25

CHERVIL

CURLED.—An aromatic herb, resembling parsley, and used for flavoring in soups and salads. Fine for garnishing. Pkt. 10c; oz. 30c; 4 oz. 1.00

ROUTLEDGE "SNOW WHITE"

The Finest Cauliflower Grown

In competition with all other strains, this cauliflower has won the approval of critical gardeners, being early and also the best main crop sort grown. It is suitable not only for early use, but is superior for late planting. The heads are large, compact, firm and solid, and do not spread as do some of the inferior sorts. No other variety surpasses it in purity of color, being clear snow white, of high quality. It is equally desirable for family use and for the market garden. The heads are large— from 9 to 12 inches in diameter. Very resisting against unfavorable seasons and dry weather, the foliage giving a splendid protection. Pkt. 20c; ¼ oz. 90c; ½ oz. \$1.60; oz. \$3.00

EARLY SNOWBALL

This variety is much in demand by market gardeners. Its earliness, compact habit, large-sized heads and snow-white color recommend it to every grower as a variety of especial merit. We have an extra selected stock of this sort, and recommend it with the greatest confidence. Pkt. 15c; ¼ oz. 60c; oz. \$2.00; 4 oz. \$6.50

NEW CALIFORNIA WONDER.—A late variety, forming good, large, solid heads during the winter. This variety has given great satisfaction in Oregon and California, wherever tried. Pkt. 10c; ¼ oz. 50c; oz. \$1.50

OUR MOTTO is "Highest Quality"

It's quality FIRST, then price as low as possible. The best seeds are the cheapest, in the end, even though they cost a little more.

CRESS

CURLED OR PEPPER GRASS.—Used as a salad and fine for garnishing. Pkt. 10c; oz. 20c; 4 oz. 40c

TRUE WATER.—This is quite distinct from the former and only thrives when its roots and stems are submerged in water and delicious for small salads. Pkt. 10c; oz. 60c

COLLARDS

TRUE GEORGIA.—Used as "greens" mainly in the South and West. As the leaves are pulled off, others grow in their places. Pkt. 10c; oz. 20c; 4 oz. 65c

CORN SALAD

Fetticus or Lamb's Lettuce.—This is a hardy winter salad, the small leaves being served like lettuce; does not succeed during warm weather, and the seed should be sown thinly in drills after August to supply fresh leaves during the late fall. Pkt. 10c; oz. 30c

Free Premium Book

Our new crop book, "Making the Garden Pay," is worth a dollar to any gardener, but we give it free on request with any order for Vegetable Seed order of \$2.00 or over.

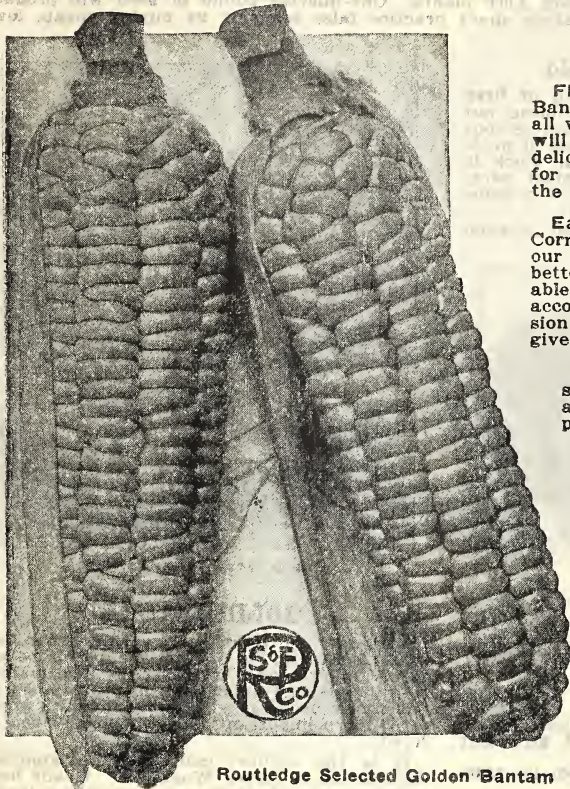
It contains 78 pages, 6x9 inches, printed on good paper and well illustrated. It's a real garden guide covering planting, culture, harvesting and storing of all kinds of vegetables.

For late and up-to-date books on all subjects, see page 105.

"SEMISAN".—According to "tests" it ought to pay to use "Semisan" on Cauliflower seed. See page 36.

SELECTED SWEET CORN — NORTHERN GROWN

All prices on Sweet Corn postpaid. Special quantity prices on request



Routledge Selected Golden Bantam

ROUTLEDGE SUPERB

We do not hesitate to recommend this new sweet corn to our customers. Its earliness, hardness, size and quality make it of real merit to the Western planters. It is extremely early, almost two weeks ahead of Golden Bantam and one week ahead of Portland Market. The large ears are always well filled with 12 to 14 rows of large, plump, white, sweet grains, of handsome appearance and excellent quality.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

Portland Market

An Oregon introduction; an early, long, large eared sweet corn and very productive. Its large well-filled ears, together with its plump, sweet grains of purest white, makes it a profitable market variety.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$2.50.

Early Evergreen

This fine variety is 10 to 12 days earlier than Stowell's Evergreen and yields large, handsome, 10 to 12-rowed ears. An excellent variety to follow the first early kinds.

Large pkt. 10c; ½ lb. 30c; lb. 35c; 10 lbs. \$3.00

POP CORN

WHITE RICE.—Most popular and profitable kind; short ears, white, pointed kernels.

Large pkt. 10c; lb. 35c

Routledge Selected GOLDEN BANTAM

Flavor.—Without exception Golden Bantam Corn is the richest in flavor of all varieties; a sweet corn of which one will never tire. The first trial of this delicious Sweet Corn creates a desire for more. The most popular corn in the Northwest.

Earliness.—Golden Bantam Sweet Corn is only exceeded in earliness by our "Superb," but we like the quality better. It matures quickly and is suitable not only for early planting (on account of its hardness), but a succession of sowings may be made which will give continuous supply until fall.

Color.—When picked at the proper stage of its growth the kernels are a rich, creamy-yellow and unsurpassed in quality.

Growth.—Being dwarf in its growth, with stalks small in size, it can be planted quite close, and a large crop may be obtained on a small area. The ears are 8 to 10-rowed, and about 6 inches long—just the right size for the table.

Remember our selected strain is Northern grown, better flavored and truer than most seed offered.

There is no other yellow or golden sweet corn that can compare to our selected Golden Bantam. Try it and be convinced.

Price: Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00.

GOLDEN WEST

This variety is popular with those who prefer a larger, longer ear than the Golden Bantam. Very hardy and can be planted earlier than most sweet corn. Rich creamy yellow and of excellent quality.

Pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

GOLDEN EVERGREEN

A cross between Golden Bantam and Stowell's Evergreen. Large ears of deep rich golden yellow kernels, very tender and of delicious quality. Excellent for a main crop to follow the first earlies. Western grown acclimated stock.

Pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

Stowell's Evergreen

A good main crop or late sort. Remains longer in green state than any other. Very large ears, with deep grains, and remarkably sweet.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$2.75

Wedderburn, Ore., Jan. 22, 1927.

Gentlemen: Routledge seeds supply us with wonderful crops here on the Coast.

Very truly yours,

MRS. EARL JOHNSTON.

FIELD CORN.—Don't overlook what we have to offer in OREGON-GROWN FIELD CORN; "the best ever." See page 43. For HAND CORN PLANTERS see page 104.

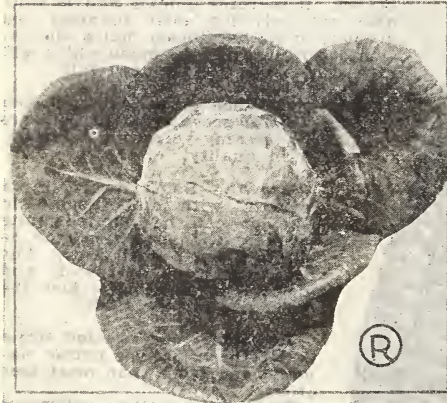
"Highest Quality" CABBAGE True and Pure

Our Cabbage Seeds come from the world's best growers—pure, true strains, of highest quality. One ounce will produce over 3,000 plants. One-quarter pound of seed will produce plants sufficient for one acre, therefore, don't practice false economy by buying cheap, low-quality seed.

Early Jersey Wakefield

The earliest and hardest heading of first early cabbages. Its exceeding hardness not only to resist cold, but other unfavorable conditions, insures the greatest likelihood of profitable and satisfactory results. Our stock is grown and selected with the greatest care; there is none better. Head conical, very compact, solid and of excellent quality.

Pkt. 10c; oz. 35c; 4 oz. \$1.00; lb. \$3.00



Oregon Wakefield

A large strain of Jersey Wakefield; heads nearly double in size, not so pointed. Excellent quality; second early.

Pkt. 10c; oz. 30c; 4 oz. \$1.00; lb. \$3.00

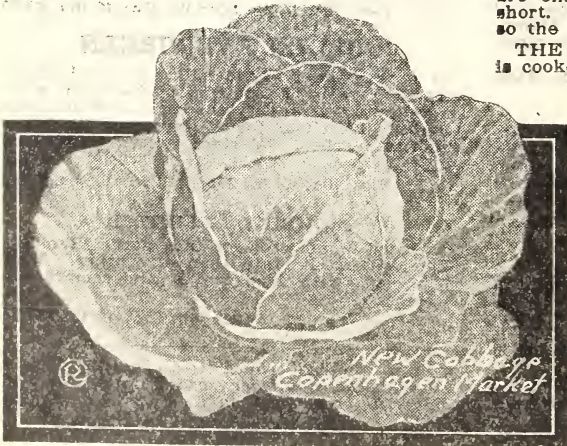
Banks, Ore., May 11, 1927.

Routledge Seed & Floral Co.

Gentlemen: Am writing to let you know we have always been satisfied with your seeds. Always get good results. Am sending an order with this letter.

Very truly,

EDITH BLEDSOE.



Early Jersey Wakefield.

GOLDEN ACRE

This new and extra early variety from Denmark is said to be distinctly superior to any early, round-headed cabbage. It has qualities so valuable and important that, not since the advent of the "Jersey Wakefield" has a greater or more important Early Cabbage been offered.

It is the earliest cabbage in existence—7 days ahead of Jersey Wakefield. Heads begin to form when the leaves are no larger than a saucer and its rapid growth may be observed almost from day to day. It is perfectly round; average weight, 4 lbs. The heads mature all at the same time—so fixed is the type, and one head is just like the other, both as to size and shape.

The plants can be set very close, as there are only about 12 leaves and these are very short. The stalk is less than two inches high, so the plant is distinctly dwarf.

THE GOLDEN AGE is sweeter in flavor and is cooked in less time than any other cabbage.

Pkt. 15c; oz. 75c; 4 oz. \$2.25; lb. \$7.00

Copenhagen Market

The earliest LARGE round-headed cabbage yet introduced. Sure to head and every head perfect. The plant is of vigorous habit but compact, with short stem and few outer leaves. The heads are round, very solid and of exceptionally good quality. Its earliness, compact growth, uniformity and size of head, firmness and most excellent quality combine to make Copenhagen Market one of our most valuable varieties. We recommend it.

Pkt. 10c; oz. 35c; 4 oz. \$1.25; lb. \$3.75.

CABBAGE — Continued — Late Varieties**Premium Late Flat Dutch**

A low growing variety; heads large, bluish-green; round, solid, broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header. Our stock has been grown from carefully selected heads, and we consider it superior to any other strain of Flat Dutch cabbage on the market.

Pkt. 10c; oz. 35c; 4 oz. 90c; lb. \$3.25.

Perfection Drumhead Savoy Cabbage

A variety that is much prized by those who are familiar with it; of exceptionally fine flavor, more tender and sweeter. Heads large size and quite compact, with densely and uniformly crimped or savory leaves.

Pkt. 10c; oz. 35c; 4 oz. \$1.00; lb. \$3.50.

Mammoth Rock Red

Best hard-headed, red variety; large heads, globular, and very deep red on top. Very tender and excellent quality, fine for cold salads on account of its attractive color.

Pkt. 10c; oz. 35c; 4 oz. \$1.00.

Danish Round Head

An earlier short-stemmed strain of the famous Danish Ball Head

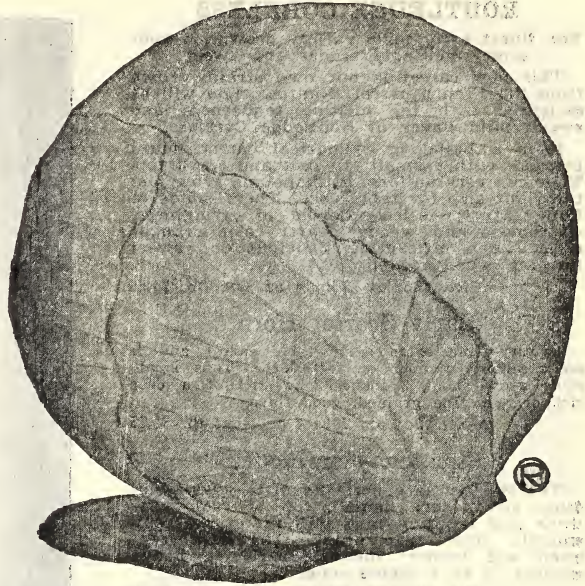
Large and very solid round head on short stems, having the same keeping quality as the original strain of Danish Ball Head, so widely known. It is 10 days to 2 weeks earlier and is a wonderful yielder. It is especially valuable for high, dry land, producing good sized heads where other strains would be too small. For shipping in the late fall or winter there is no finer cabbage. Our seed of Danish Round Head comes direct from the originator in Denmark and is of the Highest Quality.

Pkt. 10c; oz. 40c; 4 oz. \$1.25; lb. \$3.75

Danish Ball Head—True, Highest Quality Seed

Most remarkable late cabbage yet produced, heads hard and solid—fine grained and tender. Entirely distinct. Exceedingly hardy in resisting cold and wet weather. We offer true, pure seed of the very finest medium tall or "middle-stem" type. Famous for its hard-heading qualities, which at once recommends it as highly valuable for shipping. The magnificent heads are round in form and keep in excellent condition during winter, coming out in the spring perfectly solid.

Pkt. 10c; oz. 40c; 4 oz. \$1.25; lb. \$4.00



Danish Ball Head Cabbage



Wong Bok Salad Cabbage

"CARCO" FOR ROOT MAGGOTS
DILUTE WITH WATER 1 TO 125. IT IS
A "LIFE SAVER" FOR PLANTS AFFECTED
WITH THE DEADLY ROOT MAGGOT.—SEE
PAGE 102.

WONG BOK**Chinese Cabbage**

This Chinese Cabbage is becoming more popular each year. While it has been cultivated in China for years, it is comparatively unknown in many markets. Last season there was more than usual displayed on our "Public Market."

Wong Bok produces a beautiful, crisp, blanched tall or long head, resembling a giant Cos Lettuce. As a salad it rivals the finest lettuce. Delicious sliced as cold-slaw. Boiled or steamed it makes delightful greens, more sprouts. Don't plant too early, grow it as a fall vegetable.

Plant like late cabbage, about 15 inches apart, in rows. Does its best in cool, moist weather. Will last until freezing weather.

Pkt. 10c; oz. 40c; 4 oz. \$1.35

DO YOU SEND EAST for your Seeds? It's bad policy. Spend your money on this Coast. Here's where you sell your products. Our Seeds are highest quality and prices reasonable.

CARROTS

ROUTLEDGE CORELESS

The finest early table variety grown. Handsome, meltingly tender and sweet

This new carrot is our own strain, grown from the French carrot, Nantes. You will be delighted with the melting tenderness and sweet, mild flavor of Routledge Coreless.

It is a half-long cylindrical carrot, blunt pointed, with a small tap root and small top. They run very uniform in shape and grow just the right size for table use. The flesh is of fine texture, entirely devoid of stringiness, coarseness and woody heart; color orange-scarlet, very attractive, delicious and sweet flavored when cooked.

Pkt. 10c; oz. 25c; 4 oz. 60c; lb. \$1.50

Early Scarlet Horn

A very fine extra early table carrot and is an excellent summer or fall sort. Tops small, roots grow about 3 inches long and of a deep rich orange, fine grained, good flavor.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

Chantenay or Model

The Market Gardener's Favorite.—Tops medium sized, necks small, top of root quite thick and tapering to a uniform stump root, smooth; color deep orange-red; flesh very crisp and tender; medium early; a heavy cropper: 5 to 6 inches long.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

Edmonds, Wash., Jan. 27, 1927.

Gentlemen: Enclosed you will find order for seeds, with amount of cash requisite. I wish to say the packet of sample Coreless Carrot Seeds which you sent me last year was tried with good results; am sending for a packet this year. Have told a number of people about them. They are indeed very sweet and just as advertised.

Yours truly,
MRS. W. L. GARDNER.

Carrot Seed, 3 to 5 lb. lots, 10c per lb. less.



Routledge Coreless

Danver's Half Long

A great favorite; big cropper; the roots are smooth and handsome, medium size, tapering uniformly to a blunt point and of a rich, dark orange; fine for table. On account of its productiveness it is a profitable variety to grow for stock feeding.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

Routledge Stock Carrot
(See top next page)

Long Orange Improved

The best of the long carrots, fine quality; color bright-orange, with long, smooth, tapering roots, requiring a deep soil. Excellent for stock.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

Guerande, or Oxheart

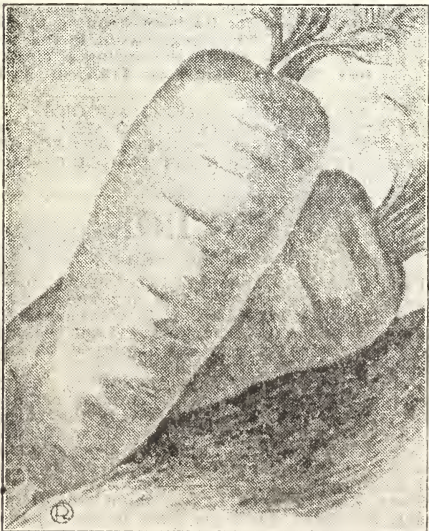
Bright orange, broad at the top and terminates abruptly in a small tap root. Length about 4 to 5 inches; excellent for shallow soils.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

Large White Belgian

Extensively grown for stock feeding; roots white; green above ground and growing to a large size; flesh rather coarse. A good cropper.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.00



Chantenay

FREE COPY of our new book "MAKING THE GARDEN PAY". Worth a dollar, but you get FREE WITH A VEGETABLE SEED ORDER OF \$2.00 OR OVER.

CARROTS — Continued

Routledge Mammoth Stock Carrot

The heaviest cropping carrot grown, yielding more tons to the acre than any other sort. The flesh is yellowish-white, crisp and solid, and very sweet in flavor. It is a vast improvement on the Belgian sorts, which have been favorites in the past, as it is not only much more productive, but vastly easier to handle. The roots are short and very heavy at the shoulder, rendering them easily harvested. Too much can scarcely be said of their size and great productiveness. Every farmer should grow a good supply of carrots for winter feed and Routledge Mammoth is the kind to plant. Yields reported from 20 to 50 tons per acre.

Large pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25; 2 lbs., enough for one acre. \$2.00.

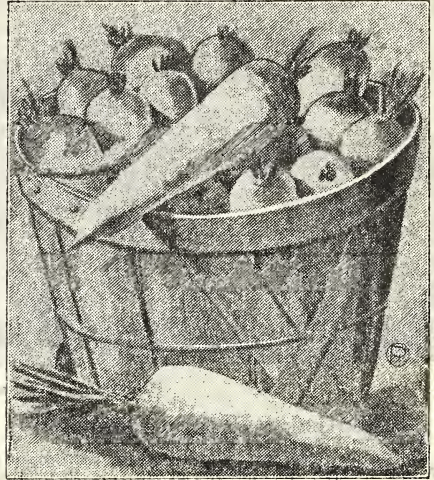
Walla Walla, Wash., Aug. 31, 1927.

Routledge Seed & Floral Co.

Gentlemen: The garden and flower seeds we received from you did wonders in the way of production.

Yours truly,

MRS. C. E. WAKE.



Routledge Mammoth

CELERIC

Turnip Rooted Celery.—The roots, which are the edible portion, keep well for winter use and are excellent for soups and stews. They are also cooked and sliced as a salad. Sow seed at the same season and give the same treatment as any root crop.

LARGE ERFURT.—An improved form, producing large, smooth roots, which are nearly round. Pkt. 10c; oz. 25c; 4 oz. 75c



R. R.'s White Plume

Highest
Quality

CELERY Celery Plants
Page 37

R. R.'s WHITE PLUME

Our Leading Early White Celery

A handsome, crisp sort, of very early cultivation. Naturally its stalks and portions of inner leaves and heart are white, so that by tying or by simply drawing the soil up against the plant and pressing it together, the work of blanching is completed. It is the earliest celery known, delicious and fine flavored.

Pkt. 10c; oz. 35c; 4 oz. \$1.00; lb. \$3.50

PARIS, GOLDEN SELF-BLANCHING

The finest strain of French grown seed. This splendid variety is without doubt the most popular celery grown. It is a self-blanching sort, for with a little banking or covering, even the outer ribs assume a beautiful golden-yellow, while the heart or vine stalks are deliciously tender, brittle and sweet. This variety is being very extensively grown on account of its ease of cultivation and superior quality. It is not quite so early as the White Plume.

Select quality: Pkt. 15c; ¼ oz. 35c; oz. \$1.40; 4-oz. \$.75; lb. \$12.00.

Golden Yellow Self-Blanching

Same variety of celery as above, but is American grown. It is equal to most seeds offered, but not as true, dependable or of such high quality as the French grown stock.

Pkt. 10c; oz. 80c; 4 oz. \$2.25; lb. \$8.00

Giant Pascal

Excellent for fall or winter use, and has increased in popularity every year. A large, tall grower of the finest nut flavor, being free from any bitter taste. Very broad stalks, blanching very quickly with little banking up; an admirable keeper.

Pkt. 10c; oz. 35c; 4 oz. \$1.00; lb. \$3.00

For complete seed and plant tables, amount to plant, etc., see complete reference tables inside back cover. Always refer to "Index," pages 2 and 3, for anything wanted.

CAREFULLY GROWN
RE-SELECTED STOCK

LOW CUCUMBERS

USE BUG DEATH
FOR CUCUMBER BUGS



Routledge Highest Quality Cucumber

Routledge Highest Quality

A quick grower and always commands "fancy prices" on account of its fine form and superb quality. Very productive.

It is the earliest white spine cucumber suitable for table, market or shipping purposes, under all conditions of culture, whether under glass or in the open ground.

Color a very deep green, which it retains during a long period, while in symmetry of form it is so regular, so uniform, as to create comment wherever seen.

The quality is unsurpassed, being exceedingly brittle and crisp. The flavor is delicate and entirely devoid of the bitter taste so frequently noticed in other varieties.

Pkt. 10c; oz. 25c; 4 oz. 65c; lb. \$2.00

Arlington White Spine

One of the best sorts for table use. Vines vigorous, fruiting early and abundantly. Fruit uniformly straight, light, bright green in color, with a few white spines. Flesh crisp, tender and of excellent quality.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.35

Improved Long Green

The leading large variety. Fruit from 10 to 12 inches long, dark-green, crisp and tender. A good variety for slicing, and when ripe they are the best for sweet pickles.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.35

Davis' Perfect

As now selected, the long, even fruits are of fine form, with an intensely dark rich green skin. The solid white flesh is of superb quality for slicing. So handsome and regular are the fruits, even when grown outside, that they bring an extra price on the market, often being taken for "hot-house grown."

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.35

Gherkin for Pickling

A very small, oval, prickly variety, quite distinct from all others.

Pkt. 10c; oz. 25c; ¼ lb. 75c

Japanese Climbing

A vigorous grower, can be trained on a trellis or the garden fence, thereby saving ground space. Fruit from 12 to 16 inches long, dark green and smooth. Flesh pure white, crisp and tender.

Pkt. 10c; oz. 25c; 4 oz. 50c; lb. \$1.50

Boston Pickling

A distinct variety, very popular for pickles; color bright green, a great producer and of excellent quality. It is for producing medium-sized pickles, that this variety is so highly esteemed.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.35

Lemon Cucumber

New. Highly recommended by all who have tried it for slicing and salads. Resembles a lemon both in size, form and color; Has a distinctive and delicious flavor superior to and not found in any other cucumber. A variety of real merit—try it.

Pkt. 10c; oz. 25c; 4 oz. 60c; lb. \$2.00

Shelton, Wash.

Dear Sirs: If I could only have one hill of Cucumbers it would be Lemon Cucumbers. They are delicious.

MRS. FRANK TEMPLETON.

Richvale, Calif., April 14, 1927.

Gentlemen: The sample package of Lemon Cucumber Seed you sent last year did fine.

C. W. CARLSON.

EGGPLANT

Sliced and fried takes the place of meat. Culture same as for tomatoes.

BLACK BEAUTY.—The earliest and best variety for Oregon. Oval shaped, deep-purple, large size and fine flavor.

Pkt. 10c; ¼-oz. 40c; oz. 75c; 4 oz. \$2.25

ENDIVE

This plant furnishes an attractive and appetizing salad for the fall and winter months.

BROAD LEAVED BATAVIAN.—Leaves are broad, thick, green, more or less twisted and waved with white mid-ribs. Crisp, tender and fine flavor.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50

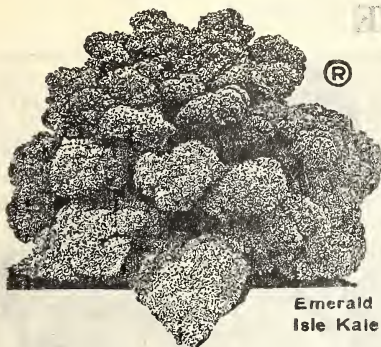
GREEN CURLED.—Leaves beautifully curled, dark-green, tender and crisp.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50

WHITE CURLED.—Very tender and light green, blanches easily, very ornamental.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50

USE "MARVEL."—So many of our customers tell us of the wonderful results, the increased yield and quick growth obtained by using our Odorless "Marvel". Fertilizer that we again call YOUR attention to it. Remember you can get it by parcel post. See page 37.



**Emerald
Isle Kale**

KALE, OR BORECOLE

This is a popular boiling-green resembling cabbage in flavor. The plant is entirely hardy in well-drained soil and can be grown easily from seed planted during the summer and fall months. With the tall varieties it is customary to pull off the lower leaves and let the plant grow on to furnish a continuous supply. The sweetness and flavor of these greens are improved by frost or light freeze.

Dwarf Green Curled

Long plume-like leaves with edges finely cut, tender and of fine flavor.
Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.50

Tall Green Curled

Grows about 2 feet high; leaves dark-green; curled and wrinkled; very hardy.
Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50

Emerald Isle

A very handsome variety of medium height, leaves attractive, closely curled and of fine flavor. The finest garden variety we have; very productive.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.75

COW KALE or THOUSAND HEADED.

Pkt. 5c; oz. 15c. See Field Seeds, page 44.

KOHL-RABI

A delicious vegetable. In growth this is half way between cabbage and turnip; the edible portion is the large bulb which forms on the stem above the soil. By making successive sowings, tender bulbs may be had throughout the summer and fall, and are highly esteemed for their mild, delicate, cabbage-like flavor. Slice and boil, discarding the hard lower part of bulb. Sow in drills or raise and transplant like cabbage, 6 to 10 inches apart.

EARLY WHITE VIENNA. — Extremely early, medium size, excellent quality.

Pkt. 10c; oz. 25c; 4 oz. 85c; lb. \$2.50

GARLIC

Separate the sets and plant them in drills eight inches apart and four to six inches apart in the drill, covering two inches deep. Cultivate like onion sets. When the leaves turn yellow, pull up the bulbs and dry in the shade.

Per lb. 60c, postpaid

Write for quantity price. Requires about 250 lbs. sets per acre.

"Marvel Q. A." Odorless Fertilizer

Use a teaspoonful of "Q. A." around each large plant, and you will have the best vegetables you ever raised. It's the richest, greatest fertilizer ever prepared for vegetable and flower gardens. It's pure fertilizer, 100 per cent soluble. No filler. Cheapest fertilizer to buy and it's odorless. See page 37.

College Place, Wash., June 28, 1927
Routledge Seed & Floral Co.,
Portland, Oregon.

Gentlemen: Am glad to report that I find R. R. Wonderful Lettuce Seed to be very good and hope you will always be able to supply the same high quality.

Yours very truly,
E. E. BEAIL.

LEEK

A species of onion which does not form a bulb, but is used for its mild and delicious root, stem or neck.

American Flag

Mild and sweet; long, large stems; hardy and of the finest quality. A favorite variety.

Pkt. 10c; oz. 30c; 4 oz. 75c

MUSHROOM SPAWN

LAMBERT'S PURE CULTURE SPAWN

Mushrooms may be grown in any place where conditions of temperature and moisture are favorable. A shed, cellar or cave may be utilized to advantage for this purpose. It is essential that the temperature be maintained from 53 to 60 degrees F., and that the moisture be properly regulated. Lambert's Pure Culture Spawn is far superior to the old-style varieties, and much better results can be obtained from its use. The bricks should be broken into pieces about two inches square and planted from 10 inches to a foot apart. Bricks weigh from 18 to 20 ounces. A brick will spawn 10 square feet of bed. With Lambert's Pure Culture Spawn it is impossible to raise poisonous mushrooms.

DIRECT SPAWN.—Latest and best. Mammoth White, Cream White or Bohemian Brown.

Price, per brick, not prepaid, 35c; 10 bricks, \$3.00; add postage at rate of 1/2 lbs. per brick. Write for quantity price.

MUSHROOM CULTURE.—We have instructive leaflets on Mushroom Culture. Free with an order of one or more bricks.

MUSTARD

The leaves of mustard make excellent greens of sharp, pungent flavor, and are cooked the same as spinach or beet leaves.

Southern Giant Curled

Large variety, forming a great mass of beautiful leaves, which are ruffled and finely curled on the edges; hardy, vigorous, highly recommended.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. 90c

Ostrich Plume

Leaves dark-green, beautifully curled and plume-like. Very vigorous and productive, stands well. Of distinctive flavor, superior to spinach for greens and excellent for salad.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.00

WHITE ENGLISH.—Light-green variety; tender leaves; seed light-yellow.

Pkt. 10c; oz. 15c; 4 oz. 40c; lb. \$1.00

LETTUCE

LETTUCE "SNAROL" THE SLUGS

See page 103.

Grand Rapids

Very popular with private gardeners and as a lettuce for greenhouse forcing. It will stand shipping better than most curled sorts. Of quick growth and stands for some days after being fit to cut. The plant is upright, and forms a loose head or cluster of large bright-green leaves, finely crimped and ruffled; rather thin, good flavor, crisp and tender.

Pkt. 10c; oz. 20c; 4 oz. 65c; lb. \$1.75

Early Prize Head

A large, clustering, non-heading lettuce, excellent for the home garden and undoubtedly the most easily grown variety in cultivation. Leaves finely curled and crumpled, bright green tinged with brownish-red, very crisp, tender and sweet.

Pkt. 10c; oz. 20c; 4 oz. 65c; lb. \$1.75

Big Boston Improved

Plants grow large, very hardy and vigorous, leaves broad, comparatively smooth, wavy at edges, thin, very firm and crisp; color bright light-green, slightly tinged with reddish brown. Grown extensively in the South for shipment North in the winter. It usually heads up under cold weather conditions better than any other variety.

Pkt. 10c; oz. 20c; 4 oz. 60c; lb. \$1.75

Simpson's Early Curled

A very extensively used early loose-leaved, or clustering variety. Leaves light-green, slightly frilled, crisp, sweet and tender.

Pkt. 10c; oz. 20c; 4 oz. 60c; lb. \$1.75

Lowell, Wash., Feb. 21, 1927.

Gentlemen: I received a package of R. R.'s Wonderful Head Lettuce as a trial last year with my order to you, and it was wonderful, too. Am planting it for head lettuce this year.

MRS. WM. J. THOMAS.



Grand Rapids

Early White Cos

"Salad Romaine" or Celery Lettuce

Heads tall and circular. As a salad lettuce it is highly esteemed for its fresh crispness and mild flavor.

Pkt. 10c; oz. 20c; 4 oz. 65c; lb. \$2.00

Hanson

Improved Hard Heading Stock.—A very popular head lettuce. We can recommend this as one of the very best. Heads green outside and white inside; grow to a remarkable size; very solid, and is deliciously sweet, crisp and tender. It withstands the hot sun.

Pkt. 10c; oz. 25c; 4 oz. 75c; lb. \$2.00

R. R.'S WONDERFUL

A re-selected, hand-picked strain of the original New York or Wonderful. Our grower has given this stock special attention and it is a wonderful strain. It produces immense heads of closely folding ruffled leaves. The heart blanches beautifully and is crisp, tender and delicious. A robust variety, rooting deeply and thus able to resist hot, dry weather; slow to seed and a sure header. The outer color is of a distinct apple-green. A rapid grower and unsurpassed as a home or market lettuce. When you transplant set 18 inches apart (and use a little "Marvel Q. A."—page 37.)

Pkt. 15c; ½ oz. 20c; oz. 35c; 4 oz. \$1.25; lb. \$4.00.

Use "SNA-ROL"

The guaranteed slug and snail destroyer. No use of having your garden plants ruined by the "pesky" slugs. Read about Snarol on page 103.



R.S.&F.Co.

R. R.'s Wonderful (Photo of ½ Head)

HIGHEST QUALITY LETTUCE SEED.—We pay our grower extra money for selecting seed from extra choice stock. It's worth double common seed generally offered.

LETTUCE — Continued

DON'T OVERLOOK "SNAROL," the Guaranteed Slug and Snail Destroyer. Page 103.

R. R.'s Tender Crisp

A distinct and extra choice variety for those who like curly, crisp, tender Lettuce of the finest quality.

Grows to a large size, makes most desirable heads of pleasing appearance, and retains its crispness and mild flavor to a greater degree during the hot summer months than any other crisp-head variety. While especially adapted for midsummer, it is most desirable also for spring and fall. The plants are of quick, strong growth; the leaves are of a soft, bright-green, growing closely around the heads, which become quite solid. The heart blanches to a beautiful silvery white, tender yet mild flavored and unsurpassed.

Pkt. 10c; oz. 30c; 4 oz. 75c; lb. \$2.50.

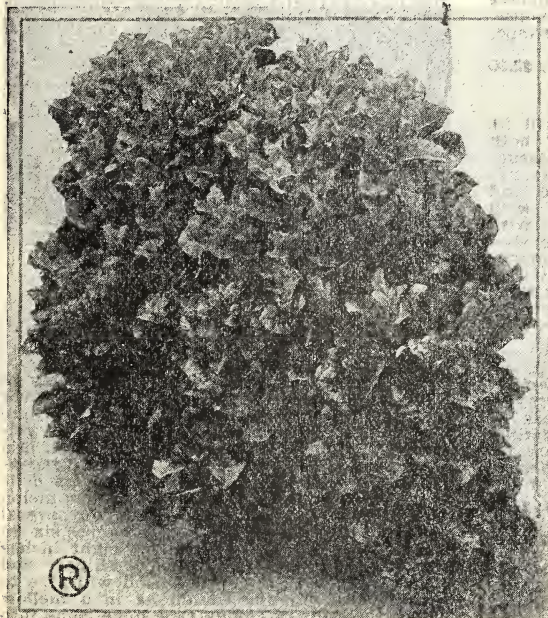


R. R.'s Tender Crisp Lettuce

Early May King

The plants are of quick growth, practically all head and extremely handsome. From early spring plantings in the open ground they grow quickly to a diameter of 6 to 7 inches with the broad, light-green outer leaves folding closely about the round, solid head. The inner leaves (practically the entire head), are blanched to a rich golden yellow and have a specially fine, rich, buttery flavor. Excellent shipper.

Pkt. 10c; oz. 20c; 4 oz. 60c; lb. \$1.75



Chicken Lettuce (2 Plants)

New York (Los Angeles)

A large, crisp, curly-leaf, close-heading lettuce of the finest quality. Great favorite in the markets of Los Angeles and San Francisco. Carloads of this variety are shipped by California growers and it brings the highest prices. Pkt. 10c; oz. 30c; 4 oz. 85c; lb. \$2.50

WAY-A-HEAD EXTRA EARLY

Both in cold frames and in the open ground it has proved to be not only the earliest and one of the surest heading of all early lettuce, but also of the very finest quality. The tightly folded heads are of good size and handsome appearance. The outer leaves are a light green with the inner head finely blanched to a rich buttery yellow. Pkt. 10c; oz. 20c; 4 oz. 60c; lb. \$1.75

CHICKEN LETTUCE

(For Poultry and Rabbits)

A recent introduction. You have doubtless often read in the Poultry Journals that lettuce was an excellent feed for chickens. It is just the "greens" which they require to keep in the best of health.

Chicken Lettuce, you will find, is a feed that yields as much or more than other green feeds. It is economical to grow this sort, for when once cut it starts again and again; or the leaves can be pulled off each stem like the Jersey Cow Kale. The yield is extremely heavy.

Chicken Lettuce does not make a head, but sends up a stout stalk three to four feet high just loaded with leaves. The best of green feed on account of its unusual food properties. For large size do not crowd it. Transplant from the crowded rows.

Pkt. 10c; oz. 25c; 4 oz. 60c; lb. \$1.75

MUSKMELON

Grow a few hills of our delicious Muskmelons in some warm, sheltered location. They do much better here than most gardeners think they do.

POLLOCK 10-25

A melon of rather recent introduction. Now considered by many growers to be the finest commercial variety. Very productive, melons of even size, beautifully netted. Very small seed cavity with thick, luscious flesh of a genuine salmon tint, shading to green near the rind. A splendid keeper and shipper.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50

Netted Rock or Rocky Ford

An old favorite and one of the Most Popular and Best Sellers among the Rocky Ford Melons.

The fruit of Netted Rock is oval and completely covered with a beautiful lace-like netting. The flesh very thick; light green, very sweet and delicious and of superb flavor. The fruit is wonderfully uniform in shape and quality; medium in size, a great favorite.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50

Extra Early Hackensack

A great favorite among home growers 10 days earlier and a great improvement over the old Hackensack formerly sold. Of fine, large form, heavily ribbed and netted. Flesh is a beautiful light green, thick, sweet, and of finest flavor. A delicious variety. Good for this locality.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50

Hoodoo

Produces an abundant crop of most delicious melons of convenient size for the table use. Skin thickly netted, flesh rich, deep orange, meaty, fine grained and sweet.

Pkt. 10c; oz. 20c; 4 oz. 60c; lb. \$2.00

Delicious Gold Lined

Growers for home and for market will be delighted with "Delicious Gold Lined," both on account of its desirable size and unsurpassed quality. An improvement over Rockyford, melons more uniform as to size and shape, nearly round, thickly covered with grayish netting. The flesh is light green, with a beautiful light golden tint next to the seed cavity. The flavor is delicious, being remarkably sweet and juicy. Vines are productive and melons mature early. Unequaled in type, beauty and superior quality. Excellent shipper.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.75

Burrell's Gem

Select Strain.—A medium-sized oval variety, well ribbed and covered with a fine grayish netting and having reddish-orange flesh of fine, spicy flavor, sweet and delicious, distinct flavor. There is a growing demand here for this fine-grained, smooth, salmon, red-fleshed Muskmelon. A good local variety.

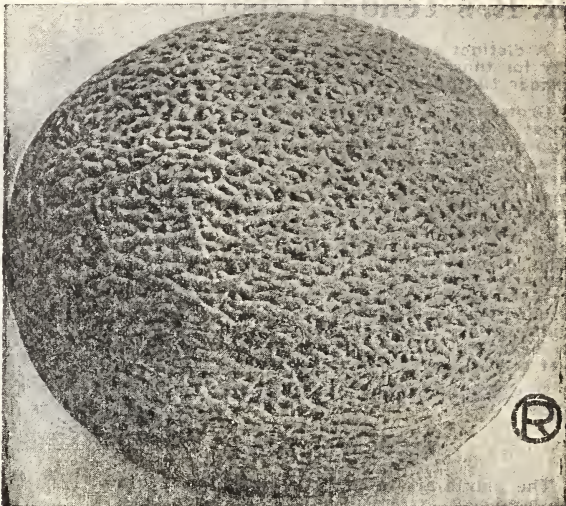
Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50

Golden Beauty Cassaba

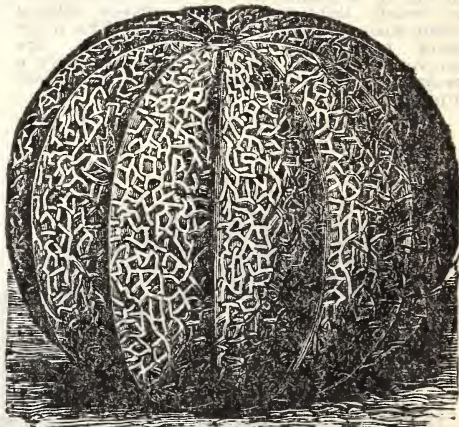
Fall and Winter Muskmelons

Skin wrinkled, flesh thick, excellent flavor and fine aroma. When nearly ripe pick and stow away in a cool, dark place until the rind becomes slightly softened and moist. Melons will actually keep until February.

Pkt. 10c; oz. 20c; 4 oz. 60c; lb. \$2.00



Delicious Gold Lined



Extra Early Hackensack

Honey Dew

"A large melon of real merit."

The Honey Dew Melon has won its way to favor wholly because of its excellent flavor and good keeping qualities. When ready to pick the melons will be of a dull creamy yellow. The rind is very smooth. The flesh is a light green, very thick, fine grained, exceptionally sweet and juicy. The flavor is delicious. Honey Dew is a long keeping melon remaining in good edible condition for several months. In shape it is oval, oblong, six to seven inches thick and seven to eight inches long, almost round. An excellent shipper and keeper. When fully ripe the rind will give to the pressure of your thumb as in a mellow apple. Carloads of Honey Dew have come into the Portland market this year. Our seed is of Highest Quality and the best strain.

Pkt. 10c; oz. 25c; 4 oz. 75c; lb. \$2.25

If you will DUST ALL THE VEGETABLE VINES with "NIAGARA" or "Bug Death" you will keep insects and blight away and INCREASE YOUR YIELD. See page 102-103.

WATERMELONS

ROUTLEDGE'S OREGON PRIZE

An Extra Early Variety

We offer this Melon with the assurance that it is not only remarkably early, but as sweet, delicate and melting in flavor as any variety grown. The flesh is of a deep scarlet. It will ripen in altitudes where it has not been thought possible to mature a good watermelon. If you have been under the impression that you could not grow watermelons in your garden on account of a short season or cool nights, try our Oregon Prize. Give them a warm, sunny sheltered nook and rich, warm soil and you may be delightfully surprised.

Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00

HALBERT HONEY

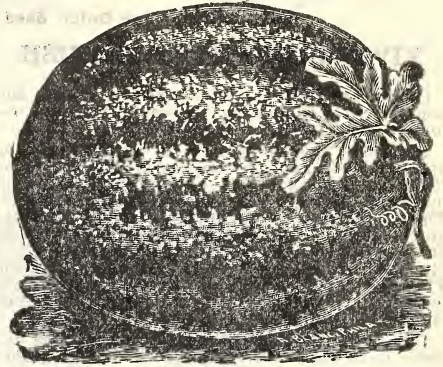
An early maturing variety suited to the Northern states; vigorous and very productive. Melons 18 to 20 inches long, full and round at both ends. Skin dark glossy green, flesh beautiful crimson, tender, sweet and delicious. In a good melon district this is a wonderful cropper.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.25

ICE CREAM—Black Seeded

An excellent melon that has become very popular here. Round in shape with a thin ivory colored skin. Flesh pink, sweet and of fine flavor and quality. Very early and a good producer.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50



KLECKLEY'S SWEET

Medium early and unsurpassed for near markets. Vine vigorous and productive; fruit of good size, oblong; skin dark, glossy green. The flesh is bright scarlet, crisp, sugary, and of excellent quality. Has a full, tender heart with the seeds close to the rind.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

Citron, Red Seeded.—Flesh white and solid, used exclusively for pickles and preserves.

Pkt. 10c; oz. 25c; 4 oz. 50c

KLONDYKE

Of real merit and unsurpassed for home or local market. Rind is dark green. Melon, oblong. Flesh, rich bright red, exceptionally brittle and sweet. Extra early.

Pkt. 10c; oz. 25c; 4 oz. 65c; lb. \$1.75

True Seeds

ONION

Highest Quality

Coquille, Ore., Jun. 6, 1927.
Gentlemen: Since I consider Routledges distribute the best seeds grown in the Northwest, I am making my annual request for your seed catalog.
MRS. WM. E. KURTZ."

Oregon Yellow Danvers

This variety is very extensively planted in the Northwest, particularly in Oregon.

The largest crops of onions and the best keepers, bringing the highest prices on the Pacific Coast and Middle Western markets, are the Oregon Yellow Danvers. The bulbs are uniformly large, a full three-quarter globe shape, with small necks. It matures quite early, is the largest in size, most perfect in shape, the largest cropper and one of the best keepers, and as a market or table onion cannot be excelled. Our seed is grown specially for us and is unsurpassed. No onion grower can afford to plant anything inferior when such seeds can be obtained at the following prices:

Pkt. 10c; oz. 25c; 4 oz. 75c; lb. \$2.50.



Oregon Yellow Danvers Onion

ONION GROWERS cannot afford to plant without "SEMISAN" to kill diseases, increase germination and insure LARGE CROPS of clean, perfect onions. Semisan leaflet A2129 proves it. (See page 36.)

ONION — Continued

The quantity of our Onion Seed is unsurpassed. It will please you

RIVERSIDE SWEET SPANISH

On account of the increasing demand and popularity of this onion, we now offer our customers seed from the best strain.

Riverside Sweet Spanish is a distinct type and of a very superior quality and flavor. The flesh is unusually mild, pure white and sweet but still retains the genuine onion flavor. They make handsome looking onions and are quick sellers, bringing repeat orders. The onions will weigh from up to 3 lbs. each if given good soil cultivation and ample room. The size can be easily regulated by the space between the onions. For the largest size they should be thinned to 6 to 7 inches apart.

Planted early and thoroughly cured, this variety is a wonderful keeper. An ideal globe-shaped onion with a light yellow skin showing a little brown.

Pkt. 15c; oz. 60c; 4 oz. \$2.00; lb. \$6.00

Large Red Wethersfield

The standard variety of the red onions. Of large size and rather flat, a heavy yielder, and one of the best for keeping. A good shipper. Flesh white and fine-grained. Skin a deep purplish-red, smooth and glossy. This onion will produce a better crop on poor or upland soil than most varieties.

Pkt. 10c; oz. 25c; 4 oz. 60c; lb. \$2.25

Prize Taker

This onion has become a great favorite on account of its large size and great solidity. It is perfectly globe-shaped, with straw-colored skin; the necks are very small and the onions always ripen up hard. An excellent keeper, exceedingly fine, mild flavor and a very popular and profitable variety. (See cut.)

Pkt. 10c; oz. 25c; 4 oz. 80c; lb. \$2.25

Australian Brown

An extra early, sure cropping variety, with long keeping qualities. A sweet, mild flavored onion, with crisp, white flesh, covered with a bright reddish-brown skin. Largely used for growing onion sets and equally good for market purposes.

Pkt. 10c; oz. 20c; 4 oz. 65c; lb. \$2.00

Southport White Globe

An enormous yielder and superb keeper; perfect globe-shaped, very large, clear white skin and considered one of the handsomest varieties grown. Planted extensively by gardeners for both dry use and green onions. Mild and sweet. The best white onion.

Pkt. 10c; oz. 35c; 4 oz. \$1.00; lb. \$3.00

White Portugal or Silverskin

The finest flavored of all the white-skinned onions. Quite early, half-globe shaped, a fine cropper; very firm and an excellent keeper. Excellent for bunching green, or for pickling, if grown close so as to hold the size down. A good all-around sort.

Pkt. 10c; oz. 35c; 4 oz. \$1.00; lb. \$3.00

Treat Your Onion Seed

WITH "SEMISAN"

Means Dollars to You — See Page 36 and Ask for Special Leaflet



Routledge Prize Taker

Yellow Globe Danvers

One of the most extensively used yellow onions. Bulbs of good size, uniformly globe-shaped, with small neck, and ripen very evenly. Flesh white, crisp and of mild and excellent flavor. An enormous yielder and a fine keeper. We offer a select strain, unsurpassed. A variety always in demand.

Pkt. 10c; oz. 35c; 4 oz. 75c; lb. \$2.25

ONION SETS

NOTE.—Onion sets subject to market changes; write for quantity price.

BOTTOM ONION SETS.—These small onions are grown from seed that have been sown too thick to attain a large size. The small onions (about ½-inch in diameter), thus obtained are planted out and are ready in a short time to pull as green onions for the table.

Per lb. 25c; 5 lbs. \$1.00, postpaid. Write for quantity prices.

TOP SETS, lb. 40c; not postpaid, 30c.

SHALLOTS.—Valuable for bunching or for an early crop. Each bulb makes from 3 to 5 green onions. Per lb. 35c; 4 lbs. \$1.25; prepaid

OKRA

IMPROVED DWARF GREEN.—Very productive; long, slender green pods.

Pkt. 10c; oz. 20c; 4 oz. 35c; lb. \$1.00

Highest Quality POTATOES True and Pure

We offer a few varieties of special merit that we recommend. We think it is folly to plant ordinary or common stock. Many gardeners insist on the best vegetable seeds, but plant any old kind of potatoes. Get a start of some of our select seed stock and you will be more than pleased with the results.

WRITE WHEN READY TO BUY AND STATE QUANTITY WANTED.

"EARLIEST OF ALL"

Its quick growth and early maturity combined with its excellent cooking qualities, makes it very valuable. Summer drought does not affect it, for its growth is complete before it can be injured. Plant early to obtain large size. Ready for the table nine weeks from planting, and fully matured in twelve weeks.

"Earliest of All" is a healthy, vigorous grower, does not make a second growth. Keeps as well as any late potato. A handsome, shallow-eyed, round, flattened, white-skinned potato of the finest quality. Price: 5 lbs. 60c; 10 lbs. \$1.00; postage extra. Write for quantity price.

EARLY ROSE

It's hard to beat the Early Rose if the stock is clean and pure. We offer the best hand selected stock obtainable. Prices: 5 lbs. 50c; 10 lbs. 85c; postage extra.

IMPROVED BURBANK

The standard and most popular commercial variety. We offer improved re-selected, healthy stock, grown especially for seed purposes.

Prices: 5 lbs. 50c; 10 lbs. 85c; postage extra. Quantity price on request.

NETTED GEM

Also known as "Russet Burbank," "Yakima Gem," etc. A splendid main-crop variety, with a russet or netted skin; flesh white, excellent quality, shallow eyes. We offer healthy, heavy producing stock.

Price: 5 lbs. 50c; 10 lbs. 85c; postage extra. Quantity price on request.

PARSNIP

While highly appreciated for the table, the great value of the parsnip for stock feeding is but little known. The roots are very rich in saccharine food, adding to the richness of the milk when freshly dug and fed to cows.

GUERNSEY

The roots are medium long, with a broad shoulder, gradually tapering downward. The white skin is smooth and attractive. Guernsey is considered the best and most productive of the long parsnips. The fine-grained, tender, and sweet flesh makes it essentially a table variety, but it is also grown for stock-feeding on account of the immense yield. Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.25, postpaid

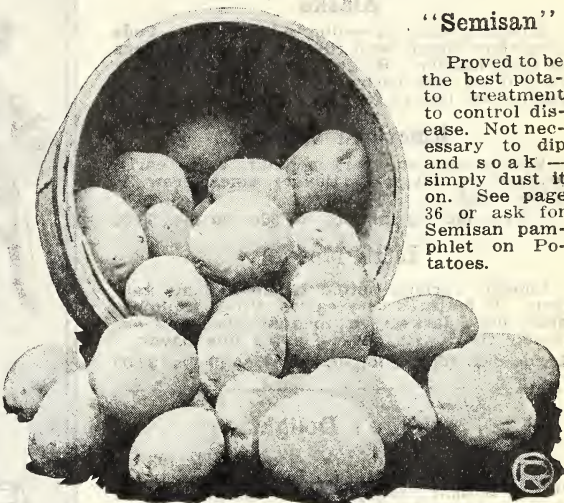
HOLLOW CROWN

Well known popular variety, with long, tapering roots, very smooth and of the finest quality. Derives its name from a depression at top of crown or root; very fine table sort.

Pkt. 10c; oz. 20c; 4 oz. 35c; lb. \$1.00

"Semisan"

Proved to be the best potato treatment to control disease. Not necessary to dip and soak — simply dust it on. See page 36 or ask for Semisan pamphlet on Potatoes.

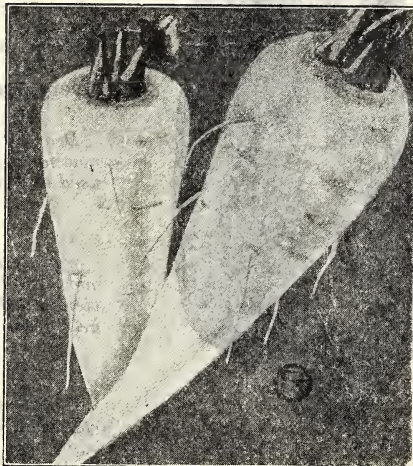


Earliest of All

AMERICAN WONDER

One of the best all-around white potatoes. A fair grower and a good producer; tubers white, generally very smooth and uniform in size, elongated, of excellent quality. Ready to use quite early. A very popular variety.

Prices: 5 lbs. 50c; 10 lbs. 85c; postage extra. Quantity price on request.



Hollow Crown Parsnips

"Highest Quality" GARDEN PEAS Hand Picked

There is a vast difference in "strains" of garden peas. You will find our stock "very superior," healthy, vigorous and true, much better than the average seed sold by wholesale seed dealers and jobbers. Plant our stock if you want "Highest Quality."

All Pea prices are postpaid. Special prices in quantity on request. Write.

Alaska

An extra early, exceedingly hardy pea. Pods of perfect shape, well filled with smooth peas of good quality. Height 2½ feet. Can safely be planted very early.
Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

American Wonder

Well known and very popular; extra early, productive and good flavor; vines grow 10 inches high.

Pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

Little Marvel

Popular variety, suited to small home gardens. It matures very early. Vines 15 inches high; pods dark-green, medium size, and are closely filled with peas of extra fine flavor.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00

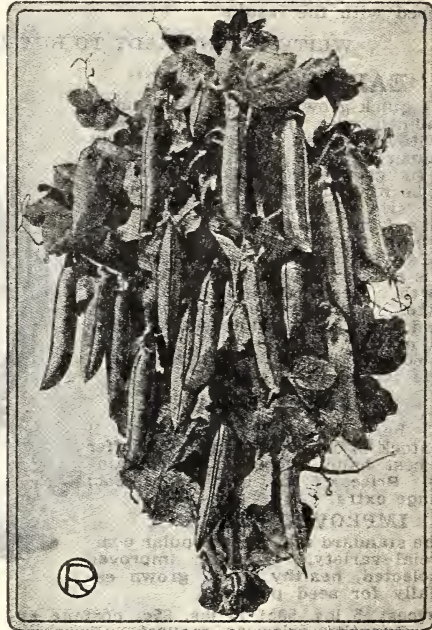
Duke's Delight

Umatilla, Ore., June 5, 1927.

Dear Sirs: We picked a wonderful crop on Duke's Delight Peas, planted in March, and am trying a later planting. Most successful variety of peas I have ever tried in this country.

Yours truly,

MRS. MINNIE McFARLAND.



Duke's Delight

Duke's Delight

A very dwarf, extra early, delicious pea of great merit. Our own introduction. Each year increases its popularity. It's by far the largest selling Early Pea we have.

Our regular customers are now demanding it in preference to all the other early dwarf old standard sorts.

Duke's Delight easily outclasses the old popular kinds in productiveness, size and fullness of pods, and the delicious flavor and quality of the green peas. The sturdy, stocky, healthy vines grow about 12 to 14 inches high. Every grower praises it. Read reports below; we receive many like them.

Large pkt. 15c; ½ lb. 25c; lb. 45c; 10 lbs. \$4.00; 20 lbs. \$7.00

Every Grower Praises Duke's Delight. Read the Following

Bay Center, Wash., Feb. 2, 1927.

Dear Sirs: Your Duke's Delight Peas, which we have planted now for several years, we think are the best Peas we have ever used and they are early too.

MRS. H. H. CHARAWELL.

Yakima, Wash., March 27, 1927.

We always planted your seeds when we lived in old Oregon and also had good luck with Duke's Delight Peas in Grandview, Wash. I am telling my neighbors about them so you will hear from us again later on.

MRS. S. G. LONG.

Toledo, Ore., Feb. 20, 1927.

Gentlemen: I have tried many varieties of garden Peas purchased from many seed companies, but I have never seen a main crop pea that could come anywhere near being as good as Routledge Prize.

MRS. OLIVE STEWART.



Get the true "Duke's Delight" by ordering direct from us. Take no substitute.

Be sure you read about inoculating pea seed. It increases the yield and improves the soil. (See page 39.) They also claim wonders for crop seeds treated with "Semisan", page 36.

Highest Quality Garden Peas — Continued

Market Gardeners who buy Peas in quantity should write us for prices, stating variety and amount wanted.

All Pea Prices Postpaid unless otherwise stated. Read top paragraph inside front cover.

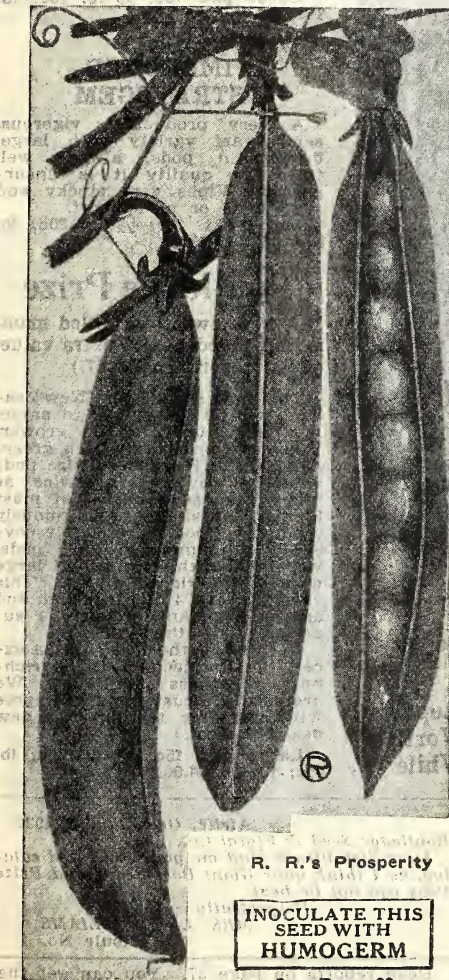
R. R.'s Prosperity

The Earliest Large Podded, Sweet Garden Pea to date. It is hardy, can be planted very early. Is vigorous and robust grower; height $3\frac{1}{2}$ to 4 feet; only a few days later than the earliest dwarf sorts.

The pods are very large, and are invariably well filled with from 8 to 10 sweet, large, tender peas of delicious flavor and quality.

The peas remain tender and sweet for some time after they are large enough to use. Its heavy yield and excellent quality makes it a most profitable market variety.

Large pkt. 15c; $\frac{1}{2}$ lb. 20c; lb. 40c; 10 lbs. \$3.50



R. R.'s Prosperity

INOCULATE THIS
SEED WITH
HUMOGERM

See Page 39

Laxtonia

Unsurpassed among the "first early" large podded peas, of superb quality. The dwarf, sturdy stocky vines average 15 inches in height and yield an enormous crop of large, dark-green pods that average $4\frac{1}{2}$ inches long and are tightly packed with large, deep green peas of most delicious flavor and quality. We know you will like Laxtonia.

Large pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 10 lbs. \$3.00

DWARF TELEPHONE—DAISY

A splendid mid-season variety, growing only about 18 inches in height; vines very stout and bear a good crop of large, well-filled, bright-green pods. The pods average 5 inches in length, containing 7 to 9 large peas which are tender and sweet. A popular sort.

Large pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 10 lbs. \$3.00

BURPEE'S BLUE BANTAM

A very popular, dwarf variety, combining extreme earliness, superb quality and unusual productiveness. Average height of vines 15 to 18 inches. The pointed pods measure about 4 inches in length, and are well filled with large deep bluish green peas of fine flavor.

Large pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 10 lbs. \$3.25

Routledge Prize Peas

Tacoma, Wash., Feb. 12, 1927.

Routledge Seed & Floral Co.,
Portland, Oregon.

Dear Sirs: I have bought seeds from you for two years and think your seeds can not be beat, especially your Routledge Prize Peas. Two summers ago I grew them in my garden that measured seven feet and were full of the largest pods I ever saw.

Yours truly,

MRS. H. C. EMLEY,
1004 S. 60th St.

See Next Page

Gradus

Extra early. This popular large-podded, wrinkled pea of finest quality matures pods only two or three days later than the small-podded extra earlies. Vines four feet high. It produces uniformly large, long pods, nearly round, and well filled with very large, handsome peas of the finest flavor. Very popular with market gardeners.

Large pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 10 lbs. \$3.00

EDIBLE PODDED OR SUGAR PEAS

A great favorite with many. In the Edible-Podded or Sugar Peas the pods are gathered, broken and cooked like spring-beans when the peas start to develop in the pod or have reached about half their full size.

DWARF SUGAR.—Grows about 2 feet in height, producing a heavy crop of small, flat pods about 3 inches in length.

Large pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 10 lbs. \$3.25

MAMMOTH MELTING SUGAR.—Grows 4 feet tall, producing very large, broad, flattened pods.

Large pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 10 lbs. \$3.25

PEAS—CONTINUED—LARGE PODDED, LATE OR MAIN CROP

MARKET GARDENERS WHO BUY IN BAG LOTS SHOULD WRITE FOR SPECIAL PRICES, STATING KINDS AND AMOUNTS WANTED

TELEPHONE

One of the most popular sort for main crop. Vines attain a height of 4½ feet, bearing profusely the extra long, handsome large pods full of large, tender, sweet peas of superb flavor. We offer a very carefully rogued, select strain of unusual merit.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00.

ALDERMAN

Excellent market variety. The large, dark green pods, filled with big, sweet flavored peas, bring fancy prices and sell rapidly. Vines tall and vigorous; main or late crop variety.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00.

IMPROVED STRATEGEM

A very productive, vigorous, semi-dwarf variety with large, dark-green pods, always well filled. In quality it is unsurpassed. Vines very stocky and need little or no support.

Large pkt. 10c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00.

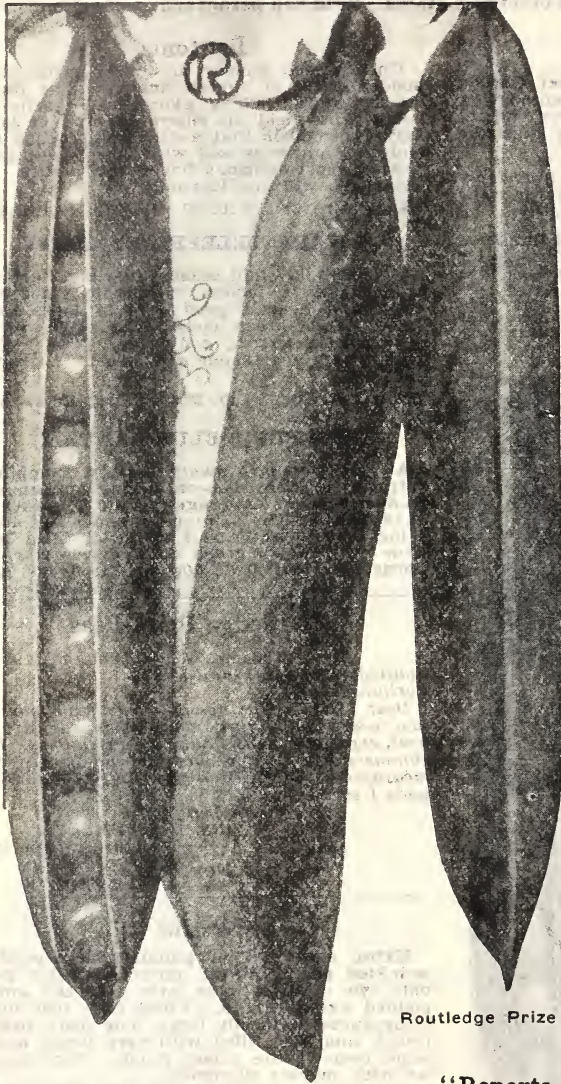
Routledge Prize

A new, sweet, wrinkled mammoth podded Pea of extra value. (Read reports, page 27.)

This new strain from New Zealand will be found true to name. A strong, sturdy, healthy grower. Vines and pods are a rich green. A bushel of Routledge Prize pods will shell out nearly twice as many peas as a bushel of most kinds. The vines are enormously productive, being completely covered with immense long pods, well filled with from 8 to 11 large peas of the richest flavor. This variety grows 4 to 5 feet high and as an abundant cropper is superior to all other tall sorts.

Nothing in the line of peas excels the Routledge Prize in richness, sweetness and flavor. We are sure our customers will agree with us after testing this new pea. (See cut.)

Large pkt. 15c; ½ lb. 25c; lb. 45c; 10 lbs. \$4.00.



Routledge Prize

PARSLEY

CHAMPION MOSS CURLED.—A very choice English strain, having the greatest possible curl to the leaves and the darkest green color; a beautiful variety, a vigorous grower, and will stand heat and drought better than any other. Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

HAMBURG TURNIP ROOTED.—The root is the edible portion of this variety and resembles a small parsnip in color and shape. Used extensively for flavoring soup, stews, etc. Foliage same as plain parsley.

Pkt. 10c; oz. 20c; 4 oz. 45c

“Reports Worth While”

Airtel, Ore., Jan. 7, 1927
Routledge Seed & Floral Co.,

Dear Sirs: Please send me your 1927 seed catalog, as I think your Giant Pole Beans and Prize Peas can not be beat.

Respectfully,

MRS. LEE WILLIAMS,
Route No. 1.

MARVEL Q. A.—A fertilizer of real merit. Read reports on page 37. You can get the same results if you use it. “SEMISAN” is another new product of “great merit”—increases germination and keeps diseases away. See page 36.

Remember, a little extra cost at planting time will bring “dollars” or greater satisfaction at harvest time. All pea prices are postpaid. Write for quantity price.

PUMPKIN

DOUBLE THE YIELD AND SIZE OF YOUR PUMPKINS by using a handful of "MARVEL" Fertilizer to each hill, and be sure you mix it well with top soil. (See page 37.)

Winter Luxury

An enormously productive variety of medium size and superior keeping qualities. Of rounding shape, somewhat flattened; golden orange color with heavy netting. Rich, thick, golden flesh; sweet and tender. The best pumpkin for pies.
Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.25

SMALL SUGAR

The New England pie pumpkin. Small, bright orange color. Flesh deep yellow, fine quality. Matures early.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.25

KING OF MAMMOTHS

The largest of all; grow this variety to win the prizes at the fair.

Pkt. 10c; oz. 25c; 4 oz. 60c; lb. \$1.75

Connecticut Field

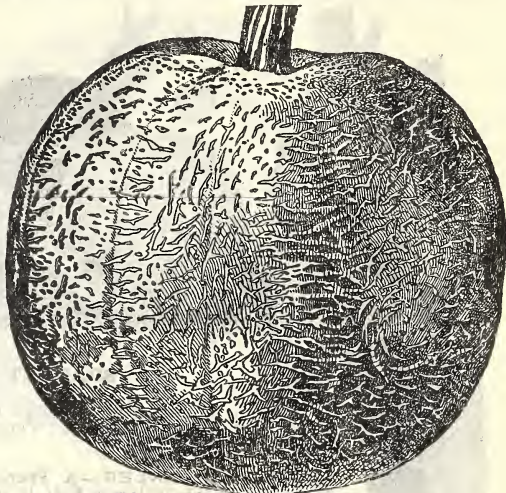
Popular for field culture and excellent for stock.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. \$1.00

Large Sweet Cheese

A very large variety; fruit flattened, yellow when ripe. Flesh yellow, very thick and tender; very nutritious and of excellent quality; a most productive and heavy yielding variety.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.25



Winter Luxury Pumpkin

PEPPER

Plant seed early in the spring; cultivate same as for tomatoes. Plants in season. See Vegetable Plant List, page 35.

Large Bell or Bull Nose

A very prolific variety, producing good sized, mild, thick fleshed fruit. Fine for salad and stuffing. Very popular with all gardeners.
Pkt. 10c; oz. 65c; 4 oz. \$2.00.

Chinese Giant

The largest of all the bull-nosed varieties, thick meated; claimed to be very sweet and mild. Excellent for stuffing.

Pkt. 10c; 1/2 oz. 35c; oz. 65c; 4 oz. \$2.00

Ruby King

A strong, healthy, hardy grower; very productive; fruit extra large, thick and well formed. They ripen ruby scarlet. The flesh is extremely thick, sweet and mild.

Pkt. 10c; 1/2 oz. 35c; oz. 60c; 4 oz. \$2.00

Pimento (Perfection)

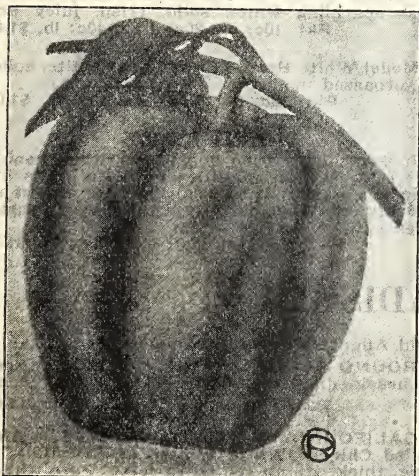
This is a sweet pepper, one you will enjoy eating in salad, either fresh or canned. Fruit medium in size, very thick flesh and wonderful mild flavor.

Pkt. 10c; 1/2 oz. 35c; oz. 65c

TO-PEPPO—NEW

"The sweetest and most prolific of all peppers." We tested it this year and found it the earliest and by far the most productive pepper. It is a new and improved tomato or pimento pepper. Shaped like a tomato 3 to 3 1/2 inches wide, 2 to 2 1/2 inches deep, an ideal shape for stuffing or frying. The flesh is unusually thick, tender, sweet and tasty. An ideal variety for home gardens as it is so productive. The peppers grow on upright stems, not drooping or hanging like all other peppers. Try this new kind.

Pkt. 25c; 1/2 oz. 50c; oz. 80c



Large Bell or Bull Nose Pepper

RED CHILI.—A small, pointed, bright red variety. The pods are very pungent and hot; very productive. Pkt. 10c; 1/2 oz. 45c; oz. 75c

CAYENNE.—Medium long, narrow, pointed, red pods; very hot and strong; popular variety.
Pkt. 10c; 1/2 oz. 45c; oz. 75c

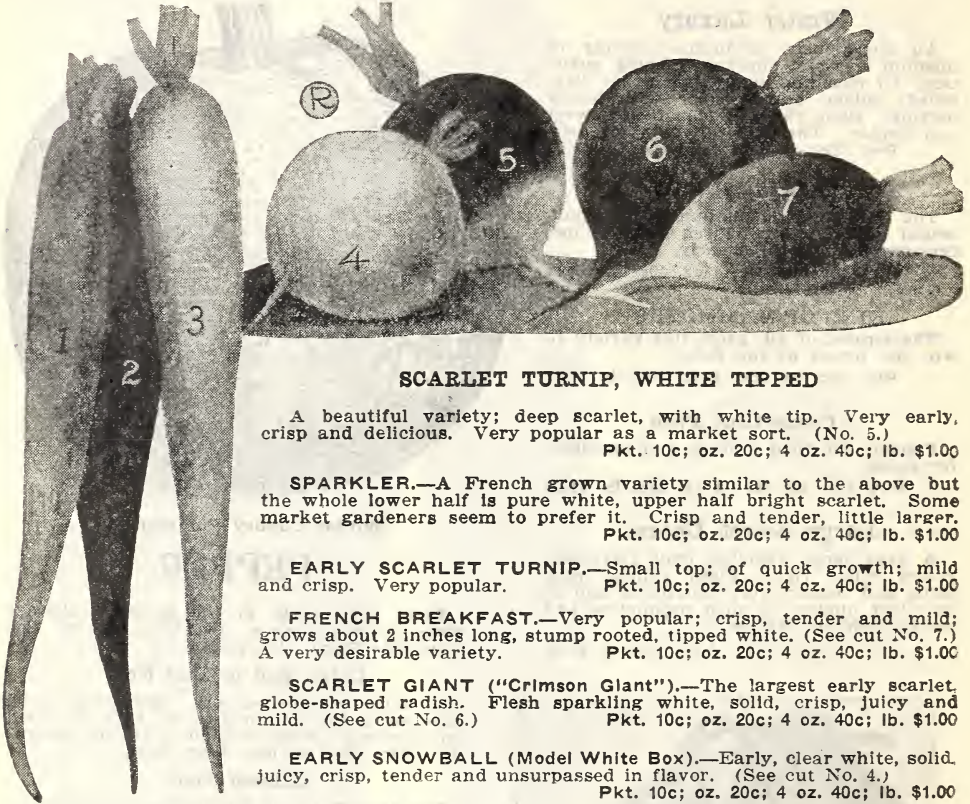
DO YOU SEND EAST for your Seeds? It's bad policy. Spend your money on this Coast. Here's where you sell your products. Our seeds are highest quality and priced right.

"Highest
Quality"

RADISH

"Highest
Quality"

REMEMBER.—For a continuous supply of crisp, tender Radishes, sow seed every week, as they remain in "prime" condition only a few days after attaining full size. Use "C-M", page 38.



SCARLET TURNIP, WHITE TIPPED

A beautiful variety; deep scarlet, with white tip. Very early, crisp and delicious. Very popular as a market sort. (No. 5.)
Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

SPARKLER.—A French grown variety similar to the above but the whole lower half is pure white, upper half bright scarlet. Some market gardeners seem to prefer it. Crisp and tender, little larger.
Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

EARLY SCARLET TURNIP.—Small top; of quick growth; mild and crisp. Very popular.
Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

FRENCH BREAKFAST.—Very popular; crisp, tender and mild; grows about 2 inches long, stump rooted, tipped white. (See cut No. 7.) A very desirable variety.
Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

SCARLET GIANT ("Crimson Giant").—The largest early scarlet, globe-shaped radish. Flesh sparkling white, solid, crisp, juicy and mild. (See cut No. 6.)
Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

EARLY SNOWBALL (Model White Box).—Early, clear white, solid, juicy, crisp, tender and unsurpassed in flavor. (See cut No. 4.)
Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

LONG SCARLET.—Grows perfectly straight and smooth, 6 to 7 inches in length; skin scarlet, very thin; the flesh crisp, brittle and of delightful flavor. (See cut No. 2.)

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

WHITE ICICLE

It is not only crisp and tender when young, but retains these qualities until the roots attain large size. It is ready for use almost as quickly as the early turnip-shaped sorts. (See cut No. 3.)

Pkt. 10c; oz. 15c; 4 oz. 40c; lb. \$1.25

WINTER RADISHES

For winter and spring use. Sow seed in July and August. Early planting is not advisable.

NERIMA—Japanese Long White

A late fall and winter radish. It grows from 12 to 30 inches long and about 2 inches in diameter. Skin white and smooth, flesh firm, crisp, tender and mild.

Pkt. 10c; oz. 20c; 4 oz. 60c; lb. \$1.75

LONG BLACK SPANISH.—Very popular; latest, as well as the hardest. Roots of medium size, oblong, black.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

RHUBARB ROOTS.—From October to June. Customers will save much valuable time by ordering roots instead of seeds. For prices, etc., see page 98.

ROUND BLACK SPANISH.—Three or four inches in diameter; flesh white; good keeper.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

CALIFORNIA MAMMOTH WHITE.—Also called Chinese White Winter or Celestial. A long, thick, stump-rooted variety. Pure white. The flesh is tender and crisp, keeping well through the winter.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

CHINA ROSE.—Bright rose color, flesh firm and piquant, largest at the bottom. One of the best.

Pkt. 10c; oz. 20c; 4 oz. 40c; lb. \$1.00

DON'T GROW WORM-EATEN RADISHES. Use "Carco"—New Discovery. See page 102.

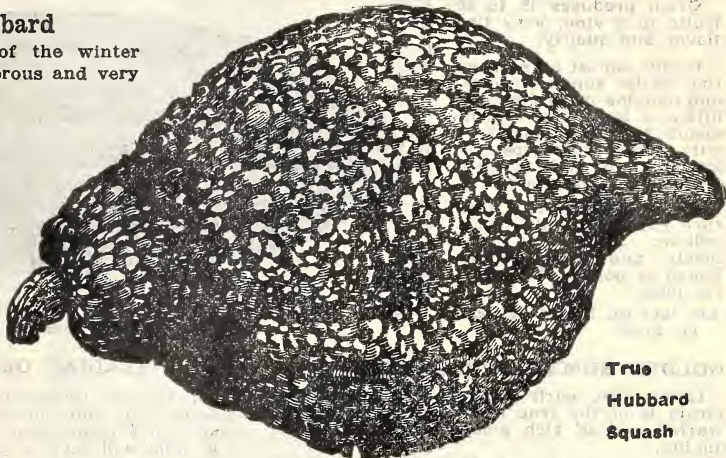
SQUASH—Fall and Winter

DOUBLE the yield of your squash by using a cupful of "MARVEL" Q. A. Fertilizer well mixed with the soil to each hill. (See page 37.) You know the richer your ground, the larger the yield, and "Marvel" Fertilizer certainly contains more plant food than any other brand.

True Hubbard

One of the best of the winter squashes. Vines vigorous and very productive. Fruit large, heavy, moderately warted with very hard shell. Skin uniformly dark bronze-green. Flesh bright orange-yellow, fine grained, thick, dry and richly flavored. Can be kept in good condition until spring. Our seed is carefully selected and is much superior to most offered.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.35.



True
Hubbard
Squash

Golden Hubbard

The same shape and high quality as the well known Hubbard Squash except that it is a rich golden color and somewhat warted. It is also a long keeper; considered by expert judges to be one of the very best fall and winter sorts yet introduced. Matures early; is vigorous and wonderfully productive. Flavor and quality unsurpassed.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

IMPROVED BOSTON MARROW

A popular variety for canning; large oval fruit; skin bright reddish-orange, with light cream netting; flesh rich orange, fine grained and of excellent quality.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

MAMMOTH CHILI

Grows to an enormous size, often weighing over 200 pounds, while its rich, fine flavored flesh insures its value for all purposes. Its size makes it valuable for stock feeding.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50

DANISH—TABLE QUEEN

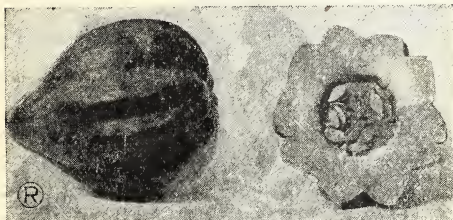
An ideal table squash, just the right size, averaging about 7 inches long and 5 inches thick. Very popular and much in demand by our produce merchants. Color dark green and shows a splash of orange red on ground side when ripe. Vines vigorous and very productive. Shell hard and smooth and ridged. Cut in half and bake in the shell—try it. Fine grained and finest quality. None better. Ripens in the fall and keeps as long as a "Hubbard".

Pkt. 10c; oz. 25c; 4 oz. 50c; lb. \$1.75

ENGLISH VEGETABLE MARROW

Creamy white. A favorite English variety about 12 inches long. Flesh tender, delicious.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25



Danish Table Queen

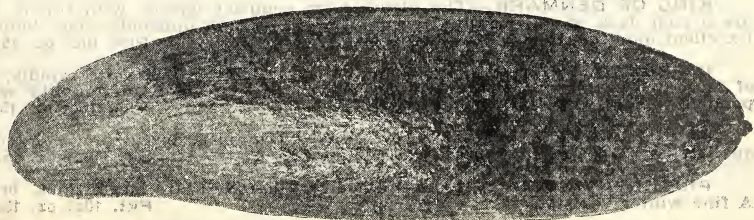
Banana Squash (See cut)

Grows 1½ to 3 feet in length. The skin varies from dark olive-green to slate color outside. Flesh firm, very thick, finest quality and rich orange. When quite young it is excellent to cook as a marrow. Ready early in the fall and will keep until late spring. In demand and a very popular variety.

Pkt. 10c; oz. 20c; 4 oz. 50c; lb. \$1.50

THE GARDEN GUIDE

and other up-to-date and valuable books on gardening listed on page 105.



Banana—Fall and Winter Squash

SQUASH—Continued—Summer and Fall

Delicata Squash

Often produces 15 to 20 fruits to a vine; very fine flavor and quality.

Ready almost as soon as the early summer sorts, and remains in perfect condition a long time. Fruit about 9 inches long (see cut). Color when ripe yellow, striped and marbled with dark olive-green.

Flesh thick, of fine texture, excellent quality, pale yellow; turns out dry, mealy and sweet either baked or boiled. Excellent for pies.

Lb. 10c; oz. 20c; 4 oz. 45c; lb. \$1.50.



Delicata—All Season

GOLDEN SUMMER CROOKNECK

Large size, early and very prolific. Our strain is of the true crookneck type, heavily warted and of rich golden color. Excellent quality.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

MAMMOTH WHITE BUSH SCALLOP

Large, early, clear, creamy white. Squash is flat, thick meat, very productive; excellent quality fried or stewed.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

GOLDEN CUSTARD BUSH SCALLOP

Same as above only yellow; same price.

ITALIAN OR ZUCCHINI

The favorite Italian squash. It is a delicious summer sort and should be eaten when young and 4 to 6 inches long. Very prolific and a few hills will give a good supply the entire summer.

Pkt. 10c; oz. 25c; 4 oz. 75c; lb. \$2.25

SALSIFY

Vegetable Oyster

Plant early, same culture as parsnips.

Pkt. 10c; oz. 25c; 4 oz. 75c; lb. \$2.25

SPINACH

Spinach supplies the most healthful greens we have. Hardy and easy to grow. Sow 1 inch deep in rows 15 to 20 inches apart and thin out plants to 3 inches apart. Sow seed in March and April, August and September. Does not mature well in hot weather.

BIG CROP

New Giant Spinach of Real Merit

First introduced in 1924 and is highly praised by those who have tried it. Big Crop is a quick growing, large-leaved variety, and will produce an immense crop quicker than any other, yet it will stand long before bolting and is resistant to "blight." Leaves large and upright, almost smooth, and of excellent color and quality.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.00



"Big Crop" New Spinach.

KING OF DENMARK.—The plants form compact bushes with round, thick leaves which are a rich dark green and much crumpled. It stands unusually long before bolting to seed. Excellent quality. It is a heavy cropper.

Pkt. 10c; oz. 15c; 4 oz. 25c; lb. 60c

IMPROVED THICK-LEAVED.—A variety which grows very rapidly, forming a cluster of large, very thick, slightly wrinkled leaves of fine color and quality when cooked. Very popular variety. For spring or early fall.

Pkt. 10c; oz. 15c; 4 oz. 25c; lb. 60c

SAVOY LEAVED.—An early sort, leaves crumpled, broad and pointed dark green; fine quality. A hardy, rapid grower. Fall or spring.

Pkt. 10c; oz. 15c; 4 oz. 25c; lb. 60c

PRICKLY WINTER.—Very desirable; very hardy; bears large, thick, broad pointed leaves. A fine winter variety.

Pkt. 10c; oz. 15c; 4 oz. 25c; lb. 60c

Special—10 lbs. any kind Spinach 10c less per lb.; 25 lbs. 15c less per lb.

Tomato Plants
in any quantity

TOMATO

Use "Semasan", Page 36.
Prevents Damping Off

Routledge Special

If you want the "Best" extra early bright scarlet tomato, plant our new "Routledge Special." Our seed is grown under contract by the best tomato expert on this Coast. Compared with the best strains of other early varieties it grows a more vigorous, healthier vine, and produces more ripe fruit extremely early and throughout the entire season. Fruit medium size, almost round. Very smooth and free of cracks, a beautiful, bright, scarlet, very solid and firm, but tender meat and of superior quality. What more could you want? Try it and report. Only "early orders" booked for plants in season, at 20% higher than standard sorts. (See report below.)
Pkt. 15c; ½ oz. 40c; oz. 60c; 4 oz. \$1.75; lb. \$5.00.

Chalk's Early Jewel

Our most popular, large, smooth, fine flavored, extra early, bright red tomato. A heavy cropper, of large size; excellent fruit freely produced throughout the season. The plants are healthy and strong. Excellent market variety; very solid and deep through, being almost round; ripening to the stem with few cracks or green cores. The flesh is thick, solid, of fine flavor, with few seeds.
Pkt. 10c; ½ oz. 25c; oz. 40c; 4 oz. \$1.25; lb. \$3.75.

Burbank

A wonderful new variety, claimed to be the earliest, smoothest, solidest, most productive, bright scarlet tomato, with a skin that will "peel" easily. Highly praised by those who have tried it.

Pkt. 15c; ½ oz. 35c; oz. 60c; 4 oz. \$2.00

Comet

The Best Tomato for Greenhouse Forcing.—A recent variety, matchless in form and color. Beautiful, smooth, round fruit in great abundance. Color a rich scarlet red. Sets very freely in bunches. Equally good for outdoor culture as for forcing.

Pkt. 10c; oz. 40c; 4 oz. \$1.25

Bonny Best

Highly prized by many Oregon growers. Tomatoes large, smooth and of a rich scarlet red, the color that sells quickly. Fruit thick with a small core, a profitable tomato for any purpose. Slices exceptionally well. Flesh and flavor excellent. Nearly globe shaped, slightly flattened at stem.

Pkt. 10c; ½ oz. 20c; oz. 40c; 4 oz. \$1.25; lb. \$3.75

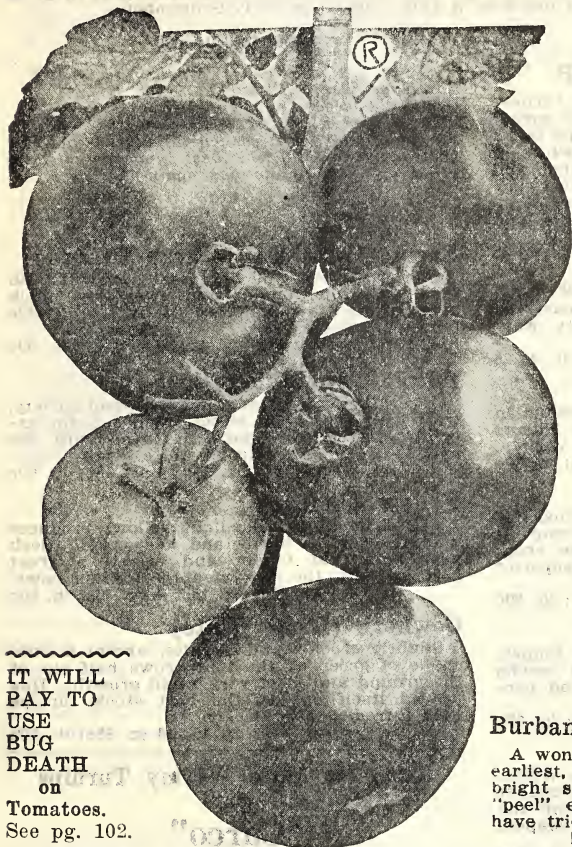
Husk or Ground Cherry

Used for preserves and eating from the hand. The seed we offer is that of the true Yellow Ground Cherry, not the purple-fruited sort, which is scarcely edible.

Pkt. 10c; ½ oz. 30c; oz. 50c

TOBACCO

Culture practically same as cabbage.
Havana or Connecticut Seed Leaf.—Both good, hardy varieties for general planting here
Pkt. 10c; oz. 75c



IT WILL
PAY TO
USE
BUG
DEATH

on
Tomatoes.
See pg. 102.

Spark's Earliana

Remarkable for its earliness, large size, uniform shape, attractive red color, and productiveness. The fruit is solid and the quality is all that could be desired. The leading early market variety. We offer a carefully selected strain of superior merit.

Pkt. 10c; ½ oz. 25c; oz. 40c; 4 oz. \$1.25; lb. \$3.75

Ponderosa

An old variety and as yet unsurpassed in size. Very solid, few seeds and of delicious flavor. Slices like a beefsteak; in fact it is often called the beefsteak tomato. Fruit is dark crimson, very large, quite smooth and produced until very late in the season. Ripens 10 to 15 days later than the very early sorts. Claimed by many to be the very best table variety in existence for slicing.

Pkt. 15c; ½ oz. 35c; oz. 65c; 4 oz. \$2.00

DWARF CHAMPION.—Forms a strong, compact, upright, bushy plant 2 feet high, often sold as Tree Tomato. Fruit smooth, medium sized, solid and of good flavor.

Pkt. 10c; oz. 50c; 4 oz. \$1.50

YELLOW PEAR.—Used for preserves. Fruit small, distinctly pear shaped. Sweet and free of acid.

Pkt. 10c; oz. 60c

HIGHEST QUALITY

TURNIPS

PURE STRAINS

For spring use sow very early in rich, loose ground. They must make a quick growth to be tender and sweet. For fall and winter use sow in July, August or early September.

Extra Early

Best of Success

WHITE MILAN TURNIP

An excellent table turnip, and the earliest of all varieties; adapted for very early spring or fall planting. The tops are small; the bulbs of medium size, flattened, and ivory-white in color. The flesh is fine-grained, tender, and of mild, sweet flavor. It remains in good condition for some time, but for tender, crisp roots all season, plant less at a time and every 10 or 14 days.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

Extra Early Purple Top Milan

This variety is ready for table as early as White Milan; an equal to it in every way; flesh white, firm and delicate.

Pkt. 10c; oz. 20c; 4 oz. 45c; lb. \$1.25

Orange Jelly, or Golden Ball

Delicate and sweet, yellow flesh, medium in size, firm, crisp and most excellent flavor; keeps well and is superior as a table variety.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. 80c

Early White Flat Dutch

A leading white fleshed variety; either for the family, market garden or field crop; it is medium size and produces a large crop; the flesh is firm, but tender, and of a superior rich, buttery flavor; a good keeper.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. 80c

Early Snowball

A superior table variety, meltingly tender, with snow-white flesh. Matures six weeks after sowing; medium size, smooth and perfectly globular.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. 80c

White Egg

Is perfectly smooth, of a pure clear white; a very choice kind for table use; of excellent flavor, sweet and mild; pulls clean from the ground; thin, snow-white skin. Egg shaped. Excellent market variety.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. 90c

For valuable and "up-to-date" books on Gardening and Poultry, see page 105.

Port Orchard, Wash., Jan. 5, 1927
Routledge Seed & Floral Co.,
Portland, Oregon.

Dear Sirs: Please send us your 1927 catalog. We have only had a garden three years but last year's was by far the best, and we wish to order our seeds from you again this year.

Yours truly,

WM. F. MCKENZIE,

Early Purple Top (Strap Leaved)

One of the best and universally grown; flesh firm, but very tender and sweet; of quick growth. As it attains large size it is profitable for stock, keeps well.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. 90c

Purple Top White Globe

A very heavy cropping, globe-shaped variety, with white skin and sweet, tender flesh, excellent flavor and much in favor with the market gardeners. Grows quite large.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. 90c

Yellow Aberdeen

Round, medium size, light yellow; produces a large crop; is hardy and keeps well; flesh very firm, but tender and sweet; a great favorite with the dairymen for feeding cows.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. 90c

Cowhorn (Long White)

Slightly crooked, pure white, except a little shade of green at the top; grows half out of the ground and is of very rapid growth. Has proved itself one of the best stock turnips ever introduced in Oregon.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. 90c

Raise No More Wormy Turnips

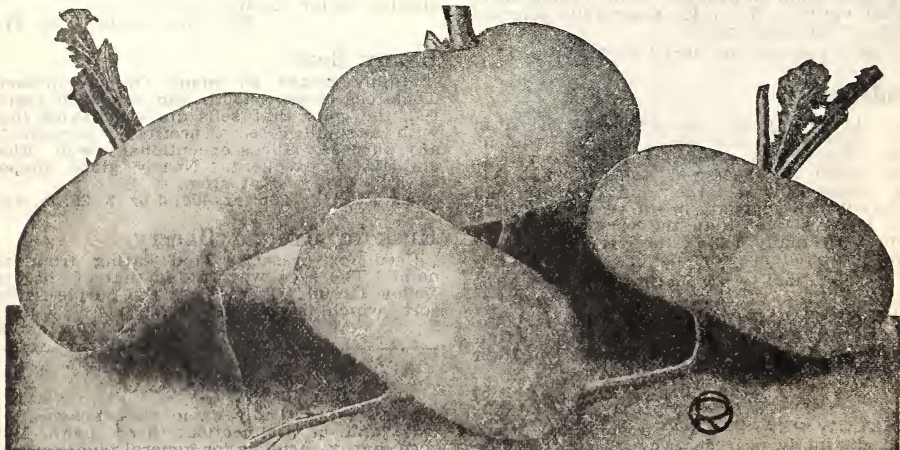
Use

"Carco"

1 part to 125 parts water

A wonderful remedy for destroying maggots, grubs and worms which infest Turnips and root crops.

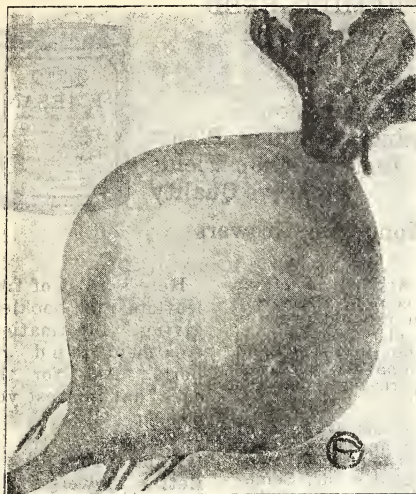
A marked increase in vigor and growth following its use. See page 102.



Extra Early White Milan Turnips

RUTABAGA — SWEDES

For feeding stock in fall and winter there is nothing superior to turnips and rutabagas, as they are much liked by all kinds of stock, and serve to keep them in good condition.



American Purple Top

Improved American Purple Top

The leading and most popular variety, being very distinct in type, attaining a wonderfully large size; immense yielder; the flesh is very firm, cream yellow, fine grained, sweet and tender. Excellent both for table and stock feeding. Keep all winter.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. 90c

White Sweet Russian

This variety is most excellent either for table or stock; it grows to a very large size; flesh white, solid, of a firm texture, sweet and rich, an excellent keeper.

Pkt. 10c; oz. 15c; 4 oz. 35c; lb. \$1.00

HERB SEEDS

Pot, Sweet and Medicinal

Herbs in general delight in rich, mellow soil. Those marked with a (*) are perennial.

All the Flowering Herbs 10c per Packet, unless Otherwise Priced

	Oz.	Oz.
Anise.—Seeds aromatic; used medicinally.	35c	
*Balm.—For culinary purposes.	50c	
Basil.—Sweet; for flavoring soups.	40c	
Borage.—For flavoring; also bee pasture.	40c	
Caraway.—For flavoring	25c	
*Catnip.—Mild nerve; pkt.	15c	\$1.00
Coriander.—Used for flavoring.	25c	
Dill.—Used medicinally and for pickles.	25c	
*Fennel.—Flavor of Celery	40c	
*Horehound.—Bitter; for tonic	60c	
*Hysop	60c	
*Lavender.—True, for fragrance	50c	
*Marjoram.—Sweet, for flavoring.	40c	
*Rosemary.—Aromatic oil, pkt.	15c	75c
Summer Savory.—For flavoring	35c	
*Sage.—For tea flavoring and dressings.	40c	
*Thyme (broad leaf).—For soup, pkt.	15c	75c

VEGETABLE PLANTS

We grow large quantities of choice vegetable plants, and can supply all of the varieties listed below, in their proper season, in most any quantity. We can supply all vegetable plants in TWO GRADES—plants "PULLED" direct from the seed beds AND THOSE that have been TRANSPLANTED into shallow boxes. Transplanted plants are much stronger and better rooted, and are well worth the price, especially in the early part of the season. We can supply most any of the leading sorts. Tell us your choice of varieties, and we will send it or give you a good substitute. NO PLANTS SENT C. O. D. Write for prices on 5 to 10 thousand lots.

NOTE.—Dozen and 100 prices are postpaid; 25c less per hundred if called for. We will send 1,000 lots by express at your expense, unless you wish to send extra money to pay packing and postage.

CABBAGE, GARDEN KALE, COW KALE

	Dozen	100	1,000
Early or late, transplanted.	\$.25	\$1.25	\$3.00
Pulled after May 15.	.85	6.00	

When ordering Kale be sure and state whether the Curly Garden or Cow Kale is wanted.

CAULIFLOWER AND BROCCOLI

	Dozen	100	1,000
Pepper and Brussel Sprouts			
Transplanted	\$.30	\$1.50	\$10.00
Late kinds, transplanted.	.30	1.25	8.50
Broccoli pulled after June 1.	.85	6.00	

CELERY AND CELERIAC T. R.

	Dozen	100	1,000
Leading kinds, transplanted.	\$.30	\$1.25	\$8.50
Pulled after May 15.	1.00	7.50	

NOTE.—Pot grown tomato plants should have all the dirt left on the roots and are not mailable.

TOMATOES

Dozen 100 1,000

Leading kinds, our selection, transplanted	\$.35	\$1.50	\$10.00
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We do not sell "pulled" tomato plants from the seed bed. They should be transplanted at least twice.

Pot Grown Tomato Plants.—These large plants give the most profitable results. Cannot be mailed. Prices: 3-in. pots, 15c each; \$1.50 doz.; 4-in. pots, 20c each; \$2.00 doz.; must go by express, charges collect.

SWEET POTATO PLANTS

	Dozen	100	1,000
Sweet Potato Plants.	\$.50	\$2.00	\$15.00

Send your orders in early, we'll fill in proper season, from May to July 10. Oregon grown, best varieties.

Chives. (Schnittlauch).—Per bunch, postpaid, 25c.



SEMESAN
Semesan Jr.
Semesan Bel

**THE PREMIER SEED
 DISINFECTANTS**

Control Diseases
Hasten Germination
Produce Sturdier Plants
Increase Crop Yields
Improve Quality
Makes Money for Growers



SEMESAN.—This modern disinfectant can be applied in either the liquid or convenient dust form to prevent or control effectively a most diversified variety of parasitic diseases and fungoid growths borne by seeds, seed pieces, plants, grafts and soils. Semesan is harmless to seed and plant life but extremely poisonous to disease and fungous organisms. It generally also hastens germination, produces sturdier plants, promotes earlier maturity and increases both the quantity and quality of crop yields.

SEMESAN, JR.—A less expensive but equally effective form of Semesan for the dry dust disinfection of both field and sweet corn seeds against the ear, root and stalk rots. Under Government-conducted field tests, with *Diplodia* and *Gibberella* infected seeds, Semesan Jr. successfully prevented or controlled these diseases and at the same time, increased the yields from 10 to over 40%.

SEMESAN BEL.—Applied to whole or cut seed potatoes, either as a dry powder or a whitewash-like water mixture, Semesan Bel will prevent or control the common seed-borne potato diseases. In widely separated potato-growing sections it has caused quicker sprouting, earlier maturity and greater yields.

Here's a list of free leaflets and booklets giving information, treatment and reports. Ask for the ones that interest you most:

- Garden Crops
- Better Flowers
- Beans and Peas
- Agricultural Uses
- Control of Brown Spots in Lawns
- Field and Sweet Corn
- Tomatos and Peppers
- Potatoes
- Bulbs and Roots
- Hard Rot and Scabe on Gladioli

Prices for Du Pont Semesan.

2 OZS.	\$.50	25 lbs.	\$ 62.50
8 OZS.	1.60	50 lbs.	122.50
1 lb.	2.75	100 lbs.	240.00
5 lbs.	13.00	350 lbs.	822.50

Semesan Jr. and Semesan Bel.	
1 lb.	\$ 1.75
5 lbs.	8.00
25 lbs.	37.50
100 lbs.	140.00

FOR THE HOME GARDENER—A simple and easy method of using Semesan in a small way is to open the seed packet, put in a little Semesan powder, fold over the end of the packet and shake it. Then sow right out of the packet. The powder that does not adhere to the seed will drop in the seed drill and give further protection.

SAVES THE SEED.—Market gardeners report that Semesan prevents early planted corn, beans, etc., from rotting in case of cold, wet weather.

Semesan Disinfectants Make Good Seeds Grow Better—Send for Free Booklets

VIO-RAY
NEW PROCESS GLASS

TRANSMITS THE
 LIFE STIMULATING
 ULTRA VIOLET RAYS

Lasts Longer—Cheaper—Better
 Easy to Construct

VIO-RAY—New Process SCREEN GLASS

For poultry houses and scratching sheds, hot beds, cold frames, doors or windows, sleeping porches, partitions or enclosures or anywhere in place of glass. It's unbreakable, hail proof, rain and wind proof, cold proof, rust proof and very light in weight and flexible.

SAVES MONEY AND LABOR.—For the uses recommended, Vio-Ray is far superior to glass. Glass is expensive, easily broken and requires skilled labor to construct. VIO-RAY is easy to frame, light in weight, flexible and will not break. VIO-RAY costs less than glass, yet does what glass cannot do, for it transmits the sun's healthful life-producing violet rays.

Anyone can easily build with VIO-RAY for the only tools that are necessary are shears, tacks and hammer.

VIO-RAY GLASS comes in rolls 100 ft. long, 36 inches wide. We cut any length wanted. PRICE, 14c square foot; \$1.25 square yard.

VIO-RAY GLASS FABRIC.—A processed cloth; gives much the same results as screen glass, but not as durable; 36 inches wide. PRICE, 40c square yard; 6 to 12 yards at 35c; 100-yard roll, \$30.00.



Marvel "Q. A."

(Q. A. Quick Action)

ODORLESS FERTILIZER

For vegetable and flower beds, lawns, fruit and berry bushes, trees, shrubs and roses, ferns, palms and house plants.

The best fertilizer for the city gardener; clean and odorless. Remember, it's all fertilizer; no filler, almost 100 per cent soluble and a Marvel in action, a giant in strength, and the small amount necessary to use makes it the cheapest and most efficient high-grade fertilizer on the market, and, last but not least, it is odorless.

In "Marvel" we have a meritorious and odorless fertilizer, put up in concentrated form, thereby making it inexpensive to send by parcel post, express or freight. Being a concentrated fertilizer, only a very small amount is required to produce the largest yield, a spoonful to a plant, a handful to a hill of potatoes, etc.

Remember, a 25-lb. bag of Marvel Q. A. is equal in plant food to 100 lbs. of most any other commercial fertilizer on the market. A complete and balanced plant food, very rich and strong; therefore must be used with caution. (Always mix it well with the soil—never put it directly on seed or roots.)

PRICES.—2-lb. carton (not postpaid), 25c. P. P. wgt. 2½ lbs. 10 lbs., \$1.00; 25-lb. bag, \$1.75; 100-lb. sack, \$5.50. Full directions with each lot. Write for quantity prices.

MAIL.—If wanted by parcel post, add postage. "Marvel" is odorless and 25-lb. bags will go by mail cheaper than express or freight in most cases. Descriptive booklet on request.

NOTE.—Three sacks H. Q. SHEEP and one 25-lb. sack "MARVEL" mixed together will make a very rich combination fertilizer, that will prove highly satisfactory for all uses, as it would be very rich in plant food and supply the necessary humus for heavy soils. A WONDERFUL TOP DRESSING FOR LAWNS AND UNEQUALLED FOR GENERAL GARDEN USE.

Imported Granulated

Granulated Peat Moss or Mull is a brown colored virgin soil, formed years ago by the growth and decay of mosses, aquatic plants, decomposed vegetable matter taken from the bottom of drained fresh water lakes. It is dried and packed under pressure into burlap wrapped bales of about 200 lbs. weight and is being shipped to America from Germany and Holland in car load, yes, even boat load lots.

It's a product nurserymen, horticulturists, florists and gardeners have wanted for years. It is a moisture retaining humus; an important aid in saving soil fertility. Adds humus to the soil, making the ground more pliable and

Peat Moss

A soil conditioner, not a fertilizer

improves the general texture and condition. Conserves moisture in light, sandy soil; contributes effective drainage and lightens heavy soil.

Used in landscape work, lawns, vegetable gardens, flower beds and in potting soil, as a mulch over seeds or plants. It is really a wonderful factor in many ways. In all garden books and magazines, especially of English origin, you read about the great value of Peat.

We can supply in original bales or we have it reground and put up in 2-bushel sacks.

Prices: Original Bale, \$3.50. Fine ground in 2-bu. sacks, \$1.25. Write for quantity price.

Marvel Q. A.

All We Claim for It

We are printing only a few of the many reports received.

Crawfordsville, Ore.

Routledge Seed & Floral Co.,
Gentlemen: In reply to your inquiry about Marvel Fertilizers will say I tried it on radishes, sweet peas, lettuce and cucumbers according to directions and obtained great results. As proof we had some vegetables in the same row without the fertilizer which did not do half as well. I am well pleased with the results and can recommend it very highly.

Yours very respectfully,

J. W. V.

Winlock, Wash.

Routledge Seed & Floral Co.,

Dear Sirs: I want to tell you how well I like the results of Marvel Fertilizer.

I moved on a new place and the garden soil looked like nothing would grow. However, I got it in condition to plant and after sowing seed I used your Marvel Fertilizer on a few rows as an experiment. I was certainly amazed. The seed sown without was slower coming through and the plants were not as healthy looking.

Corn decidedly showed the effects of the Marvel Fertilizer.

Yours truly,

R. S. Y.

Crescent City, Calif.

Routledge Seed & Floral Co.,

Gentlemen: I used Marvel Fertilizer on my Tomato vines and they set fruit thick like grapes. I had one cluster of five pounds. Nothing was ever seen like it in this low coast climate.

I also used it on my house plants and ferns and found it all you claim for it. Wonderful.

MRS. H. C.

Portland, Ore.

Routledge Seed & Floral Co.,

Gentlemen: After using the sample and then a sack of your Marvel Fertilizer, I am convinced that it is truly marvelous in the cultivation of flowers, vegetables and lawn. I say this after experimenting with a number of fertilizers in the past. It is clean, handy and effective.

Respectfully yours,

C. E. R.

Routledge SEED & FLORAL Co

(Highest Quality) "H. Q." Brand Sheep Manure

Put up in printed, new, 2 bu. bags, perfectly dry. Bag weight when filled 66 lbs. Carload buyers should write for special price.

"H. Q." BRAND SHEEP MANURE is prepared from an unusual quality of genuine sheep manure, taken from covered feeding sheds (not from open corrals). It has never been exposed to the weather, and is free from all sand, dirt and weeds. The manure is thoroughly dried and all the water content removed. Then it is uniformly ground or pulverized. Light in weight, but heavy in plant food.

"H. Q." Brand is richer in plant food on account of the dry hay and grain fed and free from weed seed for the reason that while the sheep are in feeding sheds they, being fattened for market, do not eat any weeds as they would if they were out on the range and in "open corrals at night only."

For building up the soil or as an all-purpose plant food "H. Q." BRAND (PURE PULVERIZED SHEEP MANURE), gives wonderful results. It is a natural organic plant food that produces immediate results. It stays "on the job" and assures a quick, healthy growth and a profitable crop.

"H. Q." Brand is the HIGHEST QUALITY Sheep Manure on the market. A pure, high-grade product worth much more than most stocks sold. The chemical analysis on every bag tag proves it. Most ground sheep manure is sacked so wet that it will "heat" and rot the sack in a short time. "H. Q." Brand is properly cured and will stay in the sacks for six months or more. We have it packed in "paper lined" (2 bushel, 66 lbs.), printed burlap bags. Perfectly dry and clean to handle.

Prices: Per sack, \$1.25; 3 sks., \$3.50; 5 sks., \$5.50; 10 sks., \$10.50; 15 sks. or more, \$1.00 per sack. Small lots—2 lbs., 15c; 5 lbs., 25c; 30 lbs., \$1.00; postage extra if wanted by mail.

Monterey, Calif., Feb. 21, 1927.

Dear Sirs: I liked the H. Q. Sheep Manure I bought better than any brand I have tried and I like to use pulverized sheep manure better than any other fertilizer.

Very truly yours,
DORA DEVEREAUX.

SHEEP MANURE—Ordinary Grade

If you want the common or ordinary grade from open corrals we can supply it in competition with anyone, but we can't recommend a cheap grade. But if you buy it, write for price stating quantity wanted.

BONE MEAL FERTILIZER

This is finely ground and of best quality. Used for lawns, roses, shrubs and trees. Not very quick in action and should be applied in the fall or very early spring. Use 1,000 to 2,000 lbs. per acre.

Prices: 5 lbs. 30c; 10 lbs. 50c; 100 lbs. \$3.00; ton, write.



Use "H. Q." Brand and have a beautiful lawn, lovely flowers, handsome shrubs and a profitable garden and orchard.

The genuine "H. Q." Brand weed-free is packed in paper lined printed burlap bags—worth almost double common stock.

DIRECTIONS FOR USING "H. Q."

VEGETABLES AND FRUITS.—If you want big crops of crisp, tender vegetables use "H. Q. Brand" scattered broadcast and cultivated into the top soil 10 lbs. per 100 sq. feet; a handful per individual plant; along the rows 1 lb. to every 10 feet; a pint per shrub, 5 to 10 lbs. per tree, etc. Field use 1000 to 2000 lbs. per acre.

FLOWER GARDENS.—Luxuriant green foliage and a wealth of vivid colored flowers quickly follow an application of "H. Q. Brand" Sheep Manure. Dig it deeply into the garden soil and mix a small handful with the soil under each plant or bulb and more for vines, shrubs and trees, depending on size. Applications during the growing season will put new life into your plants and prolong the blooming season.

LAWNS.—"H. Q. Brand" Sheep Manure produces a thick velvety green turf of lasting beauty. Give your lawn an application early in spring and you will be surprised at the new beauty it will develop. In making new lawns scatter broadcast 10 lbs. to every 100 sq. feet and rake into the surface soil. On old lawns rake well and use about 5 lbs. per 100 sq. feet.

LIME—PULVERIZED

Lime is an indirect soil improver and a very valuable conditioner, and releases the plant foods. Its application on heavy or clay soil will open it up, make it lighter and more workable. Few people realize its value. Most Western Oregon soils need lime. Use 1 to 2 tons per acre on plowed fields. For garden or lawn about 2 lbs. per 100 sq. feet.

GROUND LIME ROCK.—Coarse and slow in action. We prefer fertile lime. Price, 100 lbs., \$1.50.

FERTILE LIME.—This is put through a process that makes it finer and lighter than above. Quicker in action, richer in calcium, and well worth the higher price. Excellent for moss in lawns and general garden and farm lands.

Prices: 5 lbs. 20c; 10 lbs. 25c; 50 lbs. \$1.00; 100 lbs., \$1.50. Write for quantity price.

Fertilizers — Continued

Fertilizer prices on this page subject to market changes. Write for quantity price

NITRATE OF SODA

It is very quick in action, stimulating rapid growth. Being quickly soluble, it should not be applied until spring, on garden truck
 Prices: Lb. 15c; 5 to 10 lbs. @ 7c; 15 to 25 lbs. @ 6c lb.; 100 lbs., \$3.75; write for quantity price.

SUPERPHOSPHATE

This is what is known as acid phosphate, being phosphate rock that has been treated or processed, to make the phosphoric acid available. Has become very popular among grain and fruit growers. Use at the rate of 300 lbs. and up per acre.

Prices: 100-lb. sks. \$2.35; 5 to 10 sk. lots at \$2.00. Ton price, write.

LAND PLASTER

(Gypsum.)—An indirect fertilizer as it releases plant food and changes soil conditions. Used largely on grass and clover crops.

Prices: 10 lbs., 25c; 50 lbs., 75c; 100 lbs., \$1.00; write for quantity price.

SULPHATE OF AMMONIA

Strong in nitrogen, about 25 per cent. Will stimulate growth almost immediately. Not a complete fertilizer, but valuable for its high per cent of nitrogen.

Prices: lb. 15c; 5 lbs. 50c; 25 lbs. \$1.75; 100 lbs. \$4.50.

Stim U Plant

An All-the-Year Fertilizer for Garden and House Plants



Carton of "Tablets"

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for this purpose is Stim-U-plant, an odorless, highly concentrated plant food, in tablet form.

Simply insert tablets in soil near plants, or dissolve in water at the rate of four tablets to the gallon and apply as liquid manure. Complete directions with every package.

Order Stim-U-plant tablets with your seed and plant order. Price, postpaid, trial size, 15c; small size, 25c; 100 tablets, 75c; 1,000 tablets, \$3.50.

SULPHATE OF POTASH

Very rich in potash. For root and grain crops—125 lbs. per acre. Price, 100 lbs. \$4.00. Quantity price, write.

MURIATE OF POTASH

This fertilizer is especially valuable to fruit trees and berries. Price, 100 lbs. \$3.50; write for quantity price.

Legume Inoculation HUMOGERM

The Best Inoculation for All Legume Seeds,
 Means Better Crops, Better Soils,
 Less Fertilizer Expense

That Increases Crop Production and Greatly Improves the Soil

Seeds of all Legumes—Clovers, Alfalfa, Sweet Clovers, Garden Peas, Beans, and Sweet Peas, Vetches, Soy Beans, etc.—will yield far better results if inoculated with HUMOGERM, and, in addition, leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. No other inoculant will produce the wealth of nodules obtained by using HUMOGERM. We believe in inoculation, we favor the soil medium, and we believe in HUMOGERM. Of all the inoculants manufactured, we believe it is the most effective, and cheapest, consistent with high quality.

WHAT HUMOGERM IS.—A culture of bacteria especially selected and bred for maximum vitality and ability to take nitrogen from the air. They are carried in a sterilized, finely ground, porous humus medium that keeps them fresh, active, and vigorous. Economical and easy to use, HUMOGERM is a sensible insurance and a profitable investment.

HOW TO ORDER.—Specify crop and number of bushels you wish to inoculate (one-bushel size contains sufficient bacteria to thoroughly inoculate one bushel of designated variety of legume seed). Easy to use; full directions on each can.

PRICES ARE LOW

For small seeds—Clovers, Sweet Clovers, Alfalfa, etc. ¼-bus. size, 35c; ½-bus. size, 60c; 1-bus. size, \$1.00; 2½-bus. size, \$2.25.

New reduced prices on cultures for large size seeds—Soy Beans, Vetch, etc., Field or Garden Peas or Beans. ½-bu. size, 35c; 1-bu. size, 60c; 5-bu. size, \$2.25. (By mail add 5c extra for postage on any size.)

Special Garden Size for Garden Peas, Beans, and Sweet Peas, 25c; postpaid, 30c.



INCREASE THE FERTILITY OF YOUR SOIL BY USING "HUMOGERM". DESCRIPTIVE LEAFLETS ON REQUEST.

For "Brown Spot" in Lawns

Use "Dupont Semesan" as the most effective means of controlling "Brown Patch" which attacks the turf of golf courses, tennis courts and lawns. See page 36. Pamphlet free.



Nothing adds a greater air of refinement to a home than a beautiful, well-kept lawn. The planting of a few shrubs, roses and a liberal planting of flowers should not be forgotten. The pretty home above is "well done." The vegetable garden is in the rear, hidden by the hedge of flowering plants.

LAWN GRASS SEED

Though we offer, separately, seed of many of the grasses suitable for the lawn, we consider a very erroneous the somewhat prevalent idea that any single variety of grass seed is preferable or equal to a mixture.

R. R.'s EVERGREEN LAWN GRASS

To obtain a good Lawn Grass Mixture, it is necessary that the best possible seed of fine grasses be used in the combination, embracing such varieties as are of neat, close growth, extreme hardiness, and adapted to produce a quick, permanent sod. Judicious selection of seed, knowledge of the habits, vigor, quality and hardiness of varieties used in the mixture can only be gained by thorough and practical tests under different climatic and soil conditions. After many years' experience, we offer our pure, clean Evergreen Lawn Grass Seed Mixture, composed of a thoroughly balanced combination of various native and foreign fine-leaved, deep-rooting grasses of interweaving habit, that will flourish under varied soil and climatic conditions, and which may be depended upon to produce a beautiful, compact, evergreen sod that will resist tramping and hard usage, and at the same time present that handsome, velvety appearance so much desired.

R. R. EVERGREEN LAWN GRASS.—Recognized by expert gardeners as the "highest quality." Portland's finest lawns have been grown from this mixture. PRICE, 60c per lb. Add postage by mail.

Note.—You better spend a few cents or a dollar extra on the seed you buy and have a fine lawn that you'll be proud of. Sow 1 pound seed to every 200 square feet for best results.

OTHER GRASSES AND CLOVER FOR LAWNS

WHITE CLOVER.—Many gardeners like white clover mixed in lawn seeds and it is excellent, especially if your soil is heavy or poor. White clover grows quickly and acts as a nurse crop and protects the fine-leaved grasses. Choice, 55c lb.; Extra Fancy for Lawns, 60c. Postage extra.

EVERGREEN LAWN, mixed with one-fourth WHITE CLOVER, 60c lb. Postage extra.

FANCY BLUE GRASS, 50c; with one-fourth WHITE CLOVER, 60c lb. Postage extra.

H. Q. FOR LAWNS, 55c lb.; postage extra.

KENTUCKY BLUE GRASS, 50c lb..

IMPORTED CREEPING BENT GRASS, \$1.25 lb.; AMERICAN (SEASIDE), \$1.60 lb.

RED TOP, FANCY "H. Q.", for lawns, 45c lb.; postage extra.

SHADY LAWN SPECIAL MIXTURE, 60c lb. Postage extra.

For all other kinds of Grass Seeds, see next page; Clovers, page 42.

Note.—Lawn Grass prices subject to market changes.

Spy Rock, Calif., July 1, 1927.
Routledge Seed & Floral Co.

Sirs: Last fall I had bought from you some Shady Lawn Grass Seed. I just sowed it before the fall rains and to date I never saw anything so lovely and green.

Respectfully,

JACK HARMAN.

Westfir, Ore., Feb. 23, 1927.
Routledge Seed & Floral Co.

Gentlemen: I am writing to ask you to please send me your spring seed catalog. I bought my seed from you last year and had wonderful results.

Yours truly,

MRS. W. J. KILBREATH.

FEED THE LAWN—Do not starve the grass if you want it to look green and velvety; use "Marvel" and H. Q. Sheep as per directions. See pages 37 and 38.

"Highest
Quality"**GRASS SEEDS**"Highest
Quality"

Only one grade priced, the best, choice, clean seed. Write for prices in quantity.

Single pound prices on Grass and Clover Seeds are prepaid. Prices per ten, fifty and one hundred pounds are not prepaid and are subject to market changes. For reference tables, amount to sow per acre, see inside back cover.

You Will Always Get Your Money's Worth

Prices on Grass and Field Seeds change occasionally, therefore we cannot print prices good for any length of time. When ready to buy, write us for special prices, stating quantity wanted, or order what you want at catalog prices, and we guarantee that we will give you full value for the money sent, whether the price at the time you order be higher or lower.

KENTUCKY BLUE

One of the best grasses for permanent pasture, furnishing a constant supply of the most nutritious feed during the greater part of the year.

Fancy, 10 lbs. \$4.00; per lb. postpaid, 45c; 100 lbs. @ 36c.

FOR LAWNS.—Blue Grass is used very extensively for lawns and is found in all good lawn grass mixtures.

Our H. Q. (highest quality) Extra Fancy seed is unexcelled for weight and purity. Few dealers handle this high grade re-cleaned seed on account of its cost. This seed, straight or mixed with Fancy White Clover, is excellent for lawns.

H. Q. Extra Fancy, 10 lbs. \$5.00; per lb., postpaid, 65c; 100 lbs., write.

ENGLISH RYE GRASS

A strong-growing, hardy perennial grass, noted for its nutritive qualities. It is equally valuable for both grazing and hay. It grows very rapidly and makes a good showing quicker than most grasses.

10 lbs. \$1.50; 50 to 100 lbs. @ 11c lb.; per lb., postpaid, 30c.

ITALIAN RYE

A quick-growing grass, attaining a height of 2½ to 4 feet; very desirable for meadows or permanent pastures; thrives best on soils that are slightly moist; makes fine hay.

Imported Seed, 10 lbs. \$1.50; 50 to 100 lbs. @ 10c; per lb., postpaid, 30c.

RED TOP

Of great value for mixing with hay or permanent pasture grasses; will succeed in nearly any soil, but thrives best in a rich, moist soil; makes a fine bottom growth, rendering it invaluable to be sown with timothy, orchard or alsike clover.

Fancy Hulled Solid Seed, 10 lbs. \$3.50; 50 to 100 lbs. @ 30c; per lb., postpaid, 50c.

H. Q. Extra Fancy, for lawn seeding, 10 lbs. \$4.00; 50 to 100 lbs. 45c; per lb., postpaid, 60c.

ORCHARD

Of the greatest value in permanent pasture mixtures; thrives best in moist, shady places, but will withstand drought exceedingly well. Will do well under trees, or shady places. Valued for hay crop, as it is very nutritious if cut early.

10 lbs. \$2.20; 50 to 100 lbs. @ 20c; per lb., postpaid, 35c.

TIMOTHY

As a hay crop, timothy is unsurpassed by any other grass. Thrives on ordinary soil, but succeeds best in a moist loam.

10 lbs. \$1.20; 50 to 100 lbs. @ 10½c; per lb., postpaid, 25c.

CREEPING BENT

Very desirable for either lawns or putting greens on account of the fine, firm and enduring turf it produces. Used very extensively on our local golf courses. We offer highest quality pure seed.

Oregon Grown (Pacific), true and pure, per lb., postpaid, \$1.75.

Imported, per lb., postpaid, \$1.50.

Write for quantity prices.

ROUGH STALK MEADOW

For shady places under trees or wood pasture.

Per lb., postpaid, 75c.

CHEWING FESCUE

Recommended for lawns and golf links. It is a fine-leaved low-growing grass that forms a compact turf. Does well on all soils, even on dry sandy soils.

10 lbs. \$4.40; per lb., postpaid, 55c.

MESQUITE

It is usually sown on virgin soil, without cultivation, after the ground has been burned over.

Fancy Hulled Seed, 10 lbs. at \$2.10; 50 to 100 lbs. at 18c; per lb., postpaid, 30c.

BROMUS INERMIS

On account of its strong perennial character, and its unusual drought-resisting powers, is the best grass we have for the semi-arid regions of the Northwest. Very heavy yielder.

10 lbs. \$2.10; 50 to 100 lbs. @ 20c; per lb., postpaid, 30c.

SUDAN GRASS

Sudan Grass is strictly an annual and dies each year. This makes it fit admirably into any system of rotation. It is a tall, quick-growing grass, reaching a height of from 5 to 7 feet. The plant stools wonderfully and yields well.

It belongs to the sorghum family, but is more slender and grassy in manner of growth, earlier and hardier; yields a good crop of first-class hay or green feed two to four tons per acre and under irrigation as high as eight tons per acre.

SEEDING.—Plant late in the spring or during the summer as a catch crop. Yields best sown in drills 18 inches apart and given one cultivation. 10 lbs. per acre. If sown broadcast and harrowed in, 25 lbs. per acre.

Per lb., postpaid, 30c; 10 to 25 lbs. @ 22c, postage extra; 100 lbs., write.

OTHER GRASSES

Write for special prices stating quantity wanted.

	Lb. Postpaid
SHEEP FESCUE, for pasture.....	45c
RED OR CREEPING FESCUE, greens.....	45c
HARD FESCUE, for greens.....	50c
MEADOW FESCUE, for hay or pasture.....	40c
POA TRIVIALS, best shady lawn grass.....	60c
TALL MEADOW OAT, for hay.....	35c
LAWN GRASS, see pg. 48; CLOVER, pg. 47.	

SPECIAL PASTURE MIXTURES**MIXTURE FOR BURNED-OVER LAND.**—In grading and cleaning grasses and clovers, we frequently find combinations that are difficult of separation and while the seeds are often of excellent germination and quality, they cannot profitably be separated and cleaned, so we blend them to produce pasture mixtures suitable for sowing on burns and logged-off land. In ordering state whether for high or low lands. Price per 100 lbs., \$15.00; special prices by the ton.

PRICES SUBJECT TO MARKET CHANGES. WRITE FOR PRICES WHEN WANTED.

ALFALFA AND CLOVER SEEDS

Single pound prices on Grass Seed are prepaid. Ten, fifty and one hundred pound prices are NOT prepaid and subject to change. See notes, page 41. For amount of seed to sow per acre, see table inside back cover.

ALFALFA

Reports prove that Alfalfa will grow in all parts of the West, but requires a deep, loose soil. Will not thrive on heavy clay or where there is hard pan. As soon as cut it immediately commences to grow. Excellent hay or pasture. Alfalfa, once established, is a crop so profitable that every farmer may well take great care to get a stand.

CHOICE ALFALFA.—Price: 10 lbs. \$2.50; 50 to 100 lbs. at 23c; per lb., postpaid, 35c.

DRY LAND ALFALFA.—For high, dry, hot land, where irrigation is impossible.

Price: 10 lbs. \$2.50; 50 to 100 lbs. at 23c; per lb., postpaid, 35c.

GRIMM ALFALFA.—This new variety is very hardy and will stand much more tramping and root injury. In many Western sections it is out-yielding the common variety and proving much more profitable. It is a little earlier and will do well on most all soils except undrained meadows. Not affected by extreme heat or cold, and does better in a wet climate than any other alfalfa. We offer the genuine true Grimm seed.

Prices: 10 to 20 lbs. at 43c lb.; 100-lb. prices on request.

RED CLOVER (*Trifolium Pratense*)

Hardy, and succeeds well on any good soil. The most popular variety.

10 lbs. \$3.50; 50 to 100 lbs. at 33c; per lb., postpaid, 40c.

ALSIKE CLOVER (*Trifolium Hybridum*)

Valued highly for sowing with other grasses. Excellent for hay and pasture; valuable for bees; resists both drought and excessive moisture.

10 lbs. \$3.50; 50 to 100 lbs. at 32c; per lb., postpaid, 40c.

WHITE CLOVER (*Trifolium Ripens*)

Used largely in lawns and permanent pasture mixtures. Accommodates itself to a great variety of soils.

Choice Seed, 10 lbs. \$5.00; 100 lbs. \$45.00; per lb., postpaid, 60c.

For lawns always buy our "H. Q." Fancy Seed, which is the purest high quality seed obtainable, and the true very dwarf, hardy variety.

"H. Q." Fancy Seed.—10 lbs. \$5.50; per lb., postpaid, 70c.

HUBAM CLOVER—(Annual Clover)

Per lb., postpaid, 60c; 10 lbs., \$5.00. Write for prices on larger lots.

SWEET CLOVER (Bi-annual)

(*Melilotus Alba*).—Excellent for pasture, hay or as a fertilizer to plow under to improve the soil.

Grows luxuriantly on good soils, but it will also grow and thrive on thin, sandy soil, hardpan, gumbo, and clay; especially good on alkali land.

Sweet clover lives two years. It makes large, rapid growth the first season and can be cut for hay or pastured the last half of the summer. The second year it blooms, bears seeds and dies. Will make two crops of hay or a crop of hay and one of seed the second year. Can be plowed under either the first or second year, but to get the full value in humus the second season is better on account of the large roots that penetrate the lower layers of soil, thereby loosening it up and adding much humus and more nitrogen.

Sown very early in the spring. It does well sown either alone or with a light nurse crop of grain. Use 15 to 20 pounds of seed per acre.

Prices: 10 lbs. \$2.20; 50 to 100 lbs. at 20c; per lb., postpaid, 35c.

FIELD AND FARM SEEDS

Single pound prices are prepaid. Ten, fifty and one hundred pound prices are NOT prepaid and subject to market changes. See notes about shipping, page 41.

ARTICHOKES

WHITE JERUSALEM

Planted and cultivated for the tuber, the same as potatoes. Of great value for feeding stock. They are the best and cheapest hog feed known. They are remarkable for great productiveness, over 25 tons have been raised on one acre. Easier to grow than potatoes. They need not be dug. If hogs are turned in on them they can easily root the tubers out. One acre will keep from 20 to 30 hogs in fine condition for several months. Said to be a condition for several months. Excellent for fattening if fed with a grain or mash ration. Plant 400 lbs. per acre early in the spring.

By freight or express, 10 lbs. 50c; 50 lbs. \$2.00; 100 lbs. \$3.00. Per lb., prepaid, 20c; 4 lbs. 60c. Write for quantity prices.

CHEAT SEED

Cheat seed yields a good crop of hay. Sow in the fall or early spring, about 100 pounds per acre.

10 lbs. 60c; 100 lbs., \$3.00.



Artichoke Tuber

Farm and Field Seeds — Continued

Prices subject to market changes. See notes, top page 41.

BARLEY

H. Q. Beardless

A wonderful yielder, even on dry, sandy soil. Stands up well and not likely to lodge. Makes excellent hay for horses or stock, or a big crop of excellent grain. Get a start of real beardless.

Prices: Postpaid, 1 lb. 20c; 10 lbs., 75c; 100 lbs., \$3.50.

Common Beardless.—The ordinary stock. Market price. Write.

Hannchen Barley.—Earliest and best of the 2-rowed barleys. A sure and heavy cropper. Grain plump, thin hull and beards drop or break off readily. For spring planting but will do well seeded in fall where winters are mild.

By mail, postpaid, 1 lb. 25c; 5 lbs., 75c; 100 lbs., \$3.25.

WHITE HULLESS or BALD BARLEY.—An excellent beardless barley for stock feeding. Grain plump, heavy, and when threshed is hullless like wheat; a heavy cropper. When grown and cut for hay it produces a crop which is very rich and almost equal to a grain feed. More productive than wheat.

Prices: Postpaid, 1 lb. 25c; 5 lbs., 75c; 100 lbs., \$5.00.

BUCKWHEAT

SILVER HULL.—A very good and popular variety; grain is of a light gray color; has a thin husk; matures early, and yields heavily; a good milling variety.

Per lb., postpaid, 25c; 10 lbs., \$1.50; 100 lbs., write.

JAPANESE.—Good yielder, ripens early; excellent for bees to work on as it remains in bloom longer.

Per lb., postpaid, 25c; 10 lbs., \$1.50; 100 lbs., write.

FIELD PEAS

Field Peas are a very profitable crop and are grown here very extensively. They can be grown alone or with oats. When planted with oats and cut green they make a large amount of very rich feed; also very valuable for enriching the soil if plowed under. The dry peas make excellent hog feed and are quite fattening. Sow, if alone, 2 bushels to an acre; if with oats, 80 lbs. peas and 2 bushels oats.

WHITE CANADIAN.—The leading and most popular kind; seed creamy white; a heavy cropper. Yields 30 to 50 bushels per acre.

10 lbs., \$1.00; 100 lbs., \$6.00; per lb., 25c; 10 lbs., \$1.50, postpaid.

GREEN OR BLUE.—Valuable variety, seed green. Used extensively as a dry soup pea. 10 lbs. \$1.25; per lb., postpaid, 25c.

FIELD CORN FOR WEST

If you want to raise some good Field Corn, plant our Western grown Seed Corn. The strains we are offering you are acclimated and especially adapted to our short, cool summers. Eastern and Southern grown field corn seed is all right for green fodder, but of little value on this Coast, if you want the best corn for silo, or wish to raise matured, dry ears, for winter grain.

Routledge Pride of the West Field Corn

See illustration from photograph

Oregon grown; acclimated. A grand success in Oregon. We have been raising this variety for years, and by selecting the earliest ripening and best select ears, now have a strain that is unsurpassed for a large and profitable crop of large, well matured ears or for cutting for silo.

Routledge Pride of the West Field Corn is an early maturing variety, producing stalks from 6 to 8 and often 10 feet high, and large ears, 7 to 9 inches long. Cobs covered with 14 to 16 rows of deep, yellow kernels. It is a heavy yielder. Our strain has been greatly improved in the last few years.

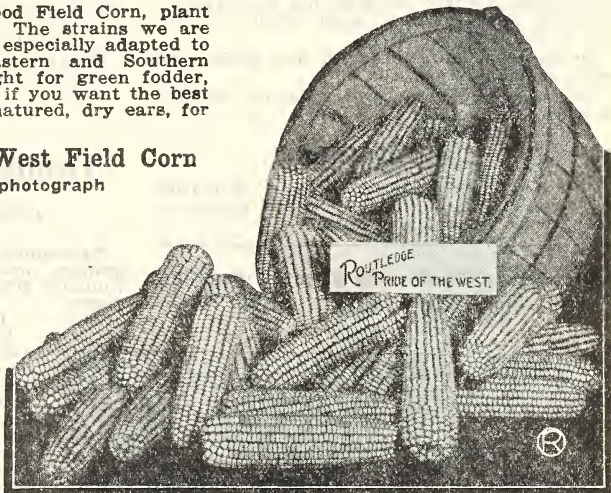
We claim this is the earliest and heaviest yielding strain of Yellow Dent corn grown in Oregon. Try it and be convinced.

Large pkt. 10c; lb. 20c; 10 lbs. \$1.50, postpaid; 100 lbs., \$7.00.

Sweet Fodder Corn

All varieties of sweet corn possess very much more "sugar" than any feed sort, and this being the most important constituent, it necessarily follows that the corn holding this in greatest quantity has the greatest net value. Drill $1\frac{1}{2}$ to 2 bushels to the acre. Drill $1\frac{1}{2}$ to 2 bushels to the acre.

Large pkt. 10c; lb. 20c; 10 lbs. \$1.50, postpaid; 100 lbs., \$7.50.



Minnesota No. 13

Well and favorably known in many sections of the West.

Northern Grown.—Large pkt. 10c; lb. 20c; 10 lbs. \$1.25, postpaid; 100 lbs., \$6.50.

Longfellow Extra Early

This valuable corn is a flint variety. The seed is a deep rich golden yellow, glossy and hard. The ears are 8-rowed, long, and $1\frac{1}{2}$ to hard. The ears are 8-rowed, long, small cob.

Per large pkt. 10c; lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.50, postpaid; 100 lbs., \$7.00.

OUR OREGON GROWN ACCLIMATED FIELD CORN WILL PLEASE YOU

SEED OATS

When fancy, clean, heavy yielding oats are to be had at our reasonable prices it is poor policy to buy and plant common stock of unknown qualities simply to save a few dollars at planting time. We advise our customers to pay enough to get re-cleaned, true stock of varieties known to produce big and profitable returns.

If you can't afford to buy enough to sow all your fields, get a start by planting an acre or two to save for seed stock and start this year.

SHADELAND CLIMAX.—This grand oat belongs to the tree or branching class, and is a vigorous, healthy grower of strong stooling qualities. This is one of the heaviest yielding oats introduced to date. It does not produce much straw, but the yield of "thin hulled," plump, heavy grain, even on high, dry land, is amazing. For early spring planting, large yield and quick maturity, Climax is a winner. If you live West of the Cascade Mountains you can plant "CLIMAX" fall or spring, any time the ground is fit, but where the climate is severe, spring plantings are best.

Prices: Per bu., \$1.25; 100 lbs., \$3.25. By mail, postpaid, 4 lbs., 50c.

Write for quantity price, stating amount wanted.

SHADELAND ECLIPSE.—"ECLIPSE" is generally classed as a spring oat and is the best white side oat grown. Eclipse is enormously productive, early, very vigorous, and produces massive heads filled with medium size plump grains. "Eclipse" has been awarded many prizes. Can be safely planted in the fall as it is very hardy.

Prices: Per bu., \$1.25; 100 lbs., \$3.50. By mail, postpaid, 4 lbs., 50c.

Write for quantity price, stating amount wanted.

SEED WHEAT

Prices subject to market changes. Will send full value of money sent or quote prices on request for prompt acceptance.

Chicken Lettuce—Its great for green feed—see page 21.



Thousand-Headed Kale

GRAY WINTER.—Gray Winter Oats are very hardy, and are generally used for fall sowing, and are especially useful for sowing with vetch. The straw grows very long, is stiff and not liable to lodge. It is a head oat. The grain is dark gray, large and plump, and it yields well.

Prices: Per bu., \$1.00; 100 lbs., write.

WHITE SEED OATS.—Aside from the named varieties of fancy seed oats above, we can supply White Valley Oats at market price for fancy re-cleaned stock. Write for prices when ready to buy, stating quantity wanted or order at \$1.00 per bu. and we will ship full value more or less according to market.

SPELTZ—Emmer

Sow in the spring, the same as wheat, at the rate of two bushels per acre. Cut when the grain is past the middle stage of milk, when it will make splendid grain and lots of rich straw hay. Thresh like wheat, only not so closely. Can be fed whole, rolled like barley, or ground.

Prices: 10 lbs., 75c; 100 lbs., write; lb., postpaid, 20c; 3 lbs., 50c.

Thousand-Headed Kale

JERSEY KALE—COW KALE

Recommended by agricultural colleges, granges and dairymen as one of the most valuable green forage plants for the Pacific Coast.

It grows rapidly and produces a mass of large, thick, curly green leaves, rich and succulent, which are eagerly eaten by stock and poultry. If planted early will produce valuable green feed during the dry summer months. Makes the most rapid growth if sown in the early spring, but locally it is extensively planted in summer and fall for winter feed. Will stand light freezing. Stalks can be cut off, or the larger lower leaves broken off, leaving the tops to grow. Under good cultivation plants will grow from 5 to 6 feet high. Sow 2 to 3 lbs. per acre, thinly in drills 2 to 4 feet apart and thin out. For late planting (July and August) it is better to have strong plants from earlier seeding and set out same as cabbage, 2 feet apart, in rows. Thin out later if plants attain extra large size.

EXTRA SELECT SEED

Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 60c, postpaid.

This cut is from photo, and gives you a good idea of the size and plant when well grown.

SUNFLOWER

MAMMOTH RUSSIAN.—The best variety to grow for the seed or silage. Planted in or around the poultry runs they make a good shade during the hot summer days and at the same time produce a valuable feed.

Cultivation same as corn. For silage sow 12 to 20 lbs. per acre; for seed purposes, give more space to mature heads, 5 lbs. per acre. Heavy, re-cleaned seed, high germination.

Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 40c; 10 lbs. \$3.00, postpaid. Write for quantity price.

KAFFIR CORN

An excellent fodder plant. Seed small and almost round, valuable poultry and pigeon food. It does best sown thinly in drills three feet apart.

10 lbs., \$1.00; per lb., postpaid, 25c.

RAPE, DWARF ESSEX

We offer you true, pure seed. One of the best forage plants, on account of the large amount of green feed it will produce at a season of the year when everything else is dried up. It has yielded ten tons of green forage per acre, and has twice the feeding value of green clover. Sheep, swine, cattle and poultry eat it readily. Rape will do well on almost any soil. Prepare the ground as for turnips, and sow any time from May till September; or plant it with grain. Sow, per acre, three pounds, in drills; or if broadcast, five pounds.

10 lbs. \$1.25; 100 lbs. write; per lb., postpaid, 25c

SEED RYE

When ready to buy Fall or Spring Rye Seed, write us for quotations on quantity wanted or send in your order and we will give full value.

10 lbs. 60c; 100 lbs., write; per lb., postpaid, 20c; 3 lbs. 50c

SUGAR CANE OR SORGHUM

A valuable crop to grow for fodder or ensilage, as it furnishes an immense tonnage to the acre.

10 lbs. \$1.25; 100 lbs., write; per lb., postpaid, 25c

VETCHES

NOTE.—All Vetch is scarce and higher than usual. Buy early is you need any.

OREGON VETCH (*Vicia Sativa*).—Oregon's greatest forage plant. Often called Fall Vetch. Grown very extensively in Western Oregon and Washington, especially in the Willamette Valley and on the Oregon Coast. It furnishes an abundance of excellent feed, either green or dried. The seed is generally mixed with wheat, oats or rye, having a stiff straw to hold it up. Sown alone 85 pounds, or 60 pounds with a bushel of grain, per acre. Sow in the fall or early spring.

Prices: 10 lbs. \$1.00; 100 lbs., write; per lb., postpaid, 20c

HUNGARIAN VETCH.—Becoming more popular each year on account of its strong, healthy growth. Its aphid resistance is probably the largest single factor toward making it a more generally grown vetch in Western Oregon.

It's a heavier yielder, both in hay and seed, than any other vetches grown here under similar conditions.

Prices: 10 lbs. \$1.00; 100 lbs., write; per lb., postpaid, 20c

HAIRY SAND OR WINTER (*Vicia Villosa*).—This variety thrives on poor, arid, sandy soils. It is sown in the fall or spring, mixed with rye, which serves to support the plants. Sow 20 pounds per acre.

10 lbs. \$2.00; per lb., postpaid, 40c; 100 lbs., write

MILLETS

Sow in April, May or June, 20 pounds for seed or 35 pounds for hay per acre. Must be sown early of mature in Willamette Valley.

EARLY FORTUNE.—This variety seems to do extra well here; try it. Heads large and loose, and seed is amber red and three times as large as the Common Golden. Makes good poultry feed.

10 lbs., \$1.25; 100 lbs., write; per lb., postpaid, 25c.

LIBERTY (German).—An improved variety yielding a larger crop of seed than the Common Millet; it is also taller than the Common Golden, and yields a heavier crop of hay. Seed small, golden yellow.

10 lbs., \$1.25; 100 lbs., write; per lb., postpaid, 25c.

**For
SEED POTATOES**

see page 25



Vetches

THE WISE ONES

Will treat their Vetch seed with Humogerm before sowing. There is no question about its VALUE. See page 39.

READ ABOUT "SEMESAN"

Corn seed treated with Semesan has given wonderful crops. Read page 36 and send for booklets.

GET RID OF RATS

Poisons deadly to rats and mice but harmless to cats, dogs, poultry or human beings. See page 103.



Single pound prices are prepaid but ten, fifty and one hundred pound prices are NOT prepaid and subject to market changes. See notes, page 41. For amount of seed to sow per acre see table, inside back cover.



Our flower seeds are grown by specialists and are unsurpassed. The following list contains a general assortment of the choicest and most popular and easiest grown flowers for conservatory, greenhouse or garden culture.

HOW TO RAISE FLOWERS SUCCESSFULLY FROM SEEDS

The above is the title of a two-page leaflet we have issued for our customers. It tells **HOW, WHEN and WHERE** to plant. It is free to all. You will find it of great value.

IF YOU WILL MEMORIZE the following definition of the flower classes **THEY WILL HELP YOU WONDERFULLY** in the selection of seeds and your garden work in general.

ANNUALS

These grow from seed, flower, mature their seed, and die in one year, or in other words, the same season.

Half-Hardy Annuals are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Hardy Annuals are those which can be sown in the open ground in early or late spring, or started inside and transplanted if very early flowers are desired.

BIENNIALS

These grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Half-Hardy Biennials require the protection of a cold-frame or cool-house during the winter.

PERENNIALS

These grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if started very early. Sow in the fall for early flowers next year.

Hardy Perennials can remain in the open ground during winter without protection.

Half-Hardy Perennials require the protection of a cold-frame or cool-housing during winter.



ARCTOTIS

New From Southwest Africa

GRANDIS.—Handsome annual, easily grown from seed sown in hot bed or later in the garden. Grows 2 to 3 feet high and produces a profusion of large showy flowers on long stems from July to frost. Excellent for cut flowers as they are very lasting. Flowers white with a blue center edged gold. The reverse of petals are lilac-blue, buds lilac. Can be cut in bud and every one will open in a sunny window. Pkt. 10c; 1/8-oz. 25c

ACROCLINIUM

Hardy annual, with everlasting flowers; good for cutting; flowers double and dry nicely if cut in bud; 1 foot; July to October.

Album.—Double, white. Pkt. 10c; 1/8-oz. 25c
Mixed.—Double, all colors. Pkt. 10c; 1/8-oz. 25c

AGROSTEMMA

(Rose of Heaven)

COELI-ROSA.—Superb free-flowering, hardy annual, rose-colored flowers; fine for cutting; height 1 1/2 feet; July to September.

Pkt. 10c; 1/4-oz. 35c

AGERATUM

Half-hardy annuals, especially well adapted to edge large beds of geraniums, salvia coleus or cannas, flower continuous through the summer. 15 inches.

DWARF LITTLE BLUE STAR.—New; one of the handsomest blue-flowered dwarf edging plants; grows 5 inches high, and is just covered with small, bright blue flowers.

Pkt. 15c; 1/8-oz. \$1.00

AGERATUM MEXICANUM.—(15 inches.)

Blue—Sky blue. Pkt. 10c; 1/4-oz. 50c

Album.—Pure white. Pkt. 10c; 1/4-oz. 50c

Finest Mixed.—All colors. Pkt. 10c; 1/4-oz. 40c

ALYSSUM

One of the most popular hardy annuals.

SWEET.—Pure white; 6 inches; June to November. Pkt. 10c; 1/4-oz. 50c

LITTLE GEM.—The dwarfiest and best for design bedding; plants very compact and bushy, and grow only 3 to 4 inches high.

Pkt. 10c; 1/4-oz. 35c

LILAC QUEEN.—Dwarf, compact, lilac flowers. Pkt. 10c; 1/4-oz. 35c

PROCUMBENS.—(Carpet of Snow.) A new and very select strain, carefully selected. Plants very spreading and only about 2 inches tall. Blooms are massed, completely hiding all foliage. Pkt. 15c; 1/4-oz. 50c

SAXATILE COMPACTUM (GOLD DUST).—Hardy perennial; yellow flowers; April to June; height 9 to 12 inches. (Plants 73.)

Pkt. 10c; 1/8-oz. 40c

Have you a beautiful lawn? If not, see page 48 for Seed, pages 37 and 38 for Fertilizer.

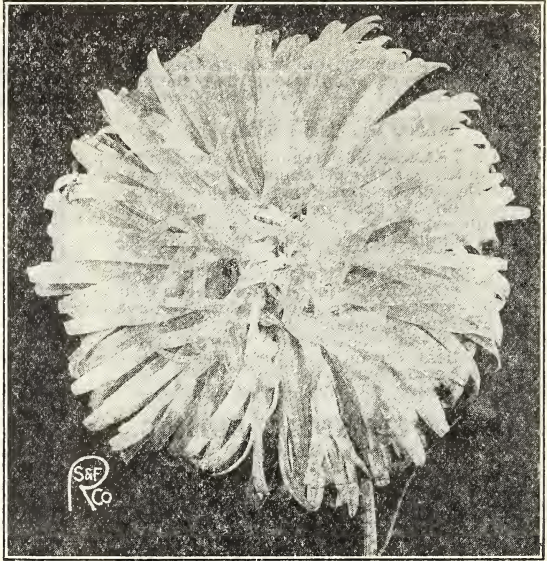
ASTERS

One of the easiest and most satisfactory summer and fall flowers to grow. We take the utmost pains to select seeds from the most perfect flowers only, and wish to assure our patrons that our strains are the superiority of perfection.

IMPROVED GIANT CREGO

The most beautiful and desirable aster we have ever seen; very hardy, free-flowering and one of the best for general planting; the plant is a strong, healthy grower, and will produce 12 to 15 long-stemmed flowers of the most graceful and pleasing style (see cut.) With ordinary care you can grow flowers measuring 5 to 6 inches across. Most of the handsome large aster blooms you see in the Portland flower stores are of this kind.

Pure White, Shell Pink, Rose Pink, Purple, Crimson, Lavender or Mixed. Pkt. 10c; 1/8-oz. 35c
SPECIAL.—One packet each of the six colors only 50c.



Improved Giant Crego Aster

California Giants

A new variety of real merit. Of immense size and beauty, long, sturdy stems, non-lateral type. Resemble the "Crego" in type of flower, but larger and more robust.

Peach Blossom, Light Blue, Deep Rose, Dark Purple or Finest Mixed. Pkt. 25c; 1/8-oz. 75c

Queen of the Market

Most valuable for early cutting; the plants branch freely and produce a great many well-formed flowers nearly a month in advance of the later sorts.

Finest Mixed. Pkt. 10c; 1/8-oz. 30c

Asters, Fine Mixed

A mixture of choice kinds for all season blooms. Pkt. 10c; 1/8-oz. 50c

Heart of France

Heart of France opens red as the ruby, and retains its remarkable beauty to the very end. Flowers large and full. Plants of branching type and very robust habit. Stems long. Pkt. 15c; 1/8-oz. 50c

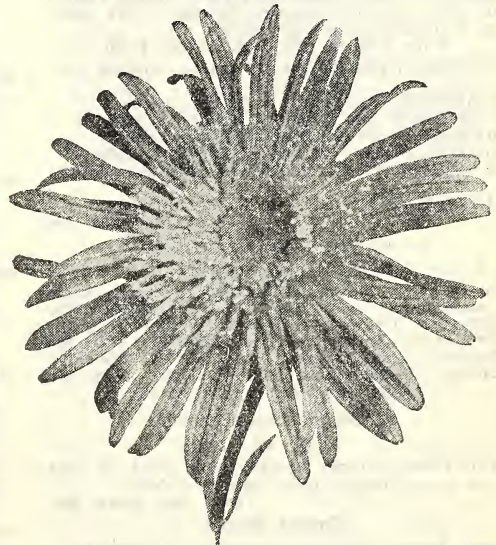
Superb American Branching

This superb strain, of American origin, is especially adapted to our climatic conditions, and unsurpassed. The plants form strong, branching bushes, 2 to 2 1/2 feet high, bearing on long, strong stems their handsome large full flowers. (See cut.)

White, Shell Pink, Rose Pink, Lavender, Crimson, Azure Blue, Dark Blue, or Finest Mixed. Pkt. 10c; 1/8-oz. 60c



Superb American Branching



New Sunshine Aster (see pg. 48)

ASTER PLANTS and all popular annual bedding plants supplied in season. Write for general price list. Crego Aster plants, 50c doz. postpaid.

ASTERS—Continued**Giant Comet**

A well-known variety, but with us the "Improved Giant Cregs" has taken its place.
Finest Mixed. Pkt. 10c; 1/8-oz. 40c

SINGLE ASTERS

SINGLE ELEGANS (China Aster).—A hardy annual variety producing freely beautiful single flowers on long slender stems. Flowers about 2 1/2 to 3 inches wide, and come in most all colors.

Elegans Single Mixed. Pkt. 10c; 1/8-oz. 35c

THE SUNSHINE (Improved Anemone, Flowered).—One of the most attractive novelties. The lovely 3-inch single flowers have twisted and quilled petals; the beautiful cushion center is of contrasting colors. Long stems, excellent for cutting. (2 1/2 feet.) See illustration bottom page 47.

Sunshine Mixed, all colors. Pkt. 25c.

HARDY PERENNIAL ASTERS

(Michaelmas Daisies)

One of the showiest of our late-flowering perennials, giving a wealth of bloom during September and October. They grow freely in any soil. If sown early they will flower the first season. 3 to 4 feet. Excellent for cutting. They come only in lavender and dark shades.

Large Flowering Varieties.—Seed saved from the choicest flowers only. Pkt. 10c; 1/8-oz. 75c

ANTIRRHINUM

(Snapdragon)

Among the most popular bedding plants; the richness and diversity of their colors, their great freedom and protracted blossoming season giving them great value for garden color masses, as well as for cutting. Bloom from July to frost. Half hardy perennials, 1 1/2 to 3 feet. (See cut.) Plants, page 72.

A. Maximum

This wonderful new group of Antirrhinums far surpasses anything yet introduced. The flowers are of magnificent size, closely placed on tall, graceful spikes, 3 1/2 feet. We offer six beautiful colors as follows

Your Choice, 15c Pkt., 1/8-oz. \$1.00.

COPPER KING.—Velvety scarlet shaded copper.

DIAMOND.—Golden yellow, lilac throat.

OLD GOLD.—A rich deep golden color.

SILVER QUEEN.—Beautiful rosy pink.

SNOWFLAKE.—Pure white, yellow tube.

WALLFLOWER.—Brownish orange, copper red.

MAXIMUM MIXED.—A lovely mixture.

Pkt. 10c; 1/8-oz. 75c

A. NANUM GRANDIFLORUM

Large flowers, medium height, about 2 feet.

Queen of the North.—Long Spikes; pure white; superb. Pkt. 10c

Defiance.—Orange scarlet, white tube. Pkt. 10c

Firebrand.—Beautiful, bright scarlet. Pkt. 10c

Daphne.—Pearly pink. Pkt. 10c

Golden Queen.—Rich, pure yellow. Pkt. 10c

1/8-oz. Any Variety above 40c

A. Majus Grandiflorum

TALL MIXED

Tall Giant, Finest Mixed.—Our seed of this is exceptionally fine; height, 3 feet.
Pkt. 10c; 1/8-oz. 35c.

Dwarf Mixed

Semi-Dwarf.—Fine for bedding; 24 inches.
Finest Mixed. Pkt. 10c; 1/8-oz. 35c



Antirrhinum Maximum

ANEMONE

(Windflower)

ST. BRIGID.—Double and semi-double flowers in a wonderful array of colors. Perennial, 1 foot. Pkt. 15c

ASPARAGUS

PLUMOSUS NANUS.—A graceful pot plant for either house or conservatory (see illustration under Fern Plants); very finely cut, delicate lace-like foliage.

Pkt. 25c; 100 seeds \$1.00

SPRENGERI.—Drooping foliage; adapted for hanging baskets or cutting.

Pkt. 10c; 100 seeds 50c

AMARANTHUS

CAUDATUS (Love-Lies-Bleeding).—Hardy annual; ornamental foliage plant; fine for bedding; green foliage with long, drooping crimson racemes; 2 feet.

Pkt. 10c; 1/4-oz. 35c

CRUENTUS (Prince's Feather).—Dark red foliage and feathery flowers; 2 feet.

Pkt. 10c; 1/4-oz. 35c

TRICOLOR (Joseph's Coat).—Ornamental; for foliage only; red, yellow and green.

Pkt. 10c; 1/4-oz. 50c

USE "MARVEL Q. A."—The best Fertilizer and plant food known. A teaspoonful to a plant does wonders. See page 37.

ARABIS

(Rock Cress)

ALPINA.—Hardy perennial; pure white flowers in close head; excellent for edging rock-work or dry situations; 6 inches; April to June. Pkt. 10c; ¼-oz. 50c

AQUILEGIA

(Columbine)

Hardy perennials; are most elegant plants and invaluable for cutting or as hardy border flowers; beautiful and graceful; June to September. 2 to 3 feet. (See cut.)

LONG SPURRED.—Superb mixture of all the most desirable shades. Pkt. 15c; ¼-oz. \$1.00

SINGLE, FINEST MIXED. Pkt. 10c; ¼-oz. 60c

DOUBLE, FINEST MIXED. Pkt. 10c; ¼-oz. 60c

CHRYSANTHA.—Golden yellow. Pkt. 15c; ¼-oz. \$1.00

COERULEA.—Violet blue and white. (Rocky Mountain Columbine.) Pkt. 15c; ½-oz. 75c

NIVEA GRANDIFLORA.—A beautiful, large, pure white. Pkt. 10c; ½-oz. 40c

FOR PERENNIAL PLANTS SEE PAGE 73.

AUBRIETA

(Rainbow Rock Cress)

A beautiful dwarf rock plant covered with sheets of bright flowers in spring and summer. Hybrid Mixed, large flowering. Pkt. 15c

BALSAM

(Lady Slipper)

Hardy annual, succeeding best in sunny situation, rich loam and moisture; very showy and of easy culture; 1½ feet; July to September.

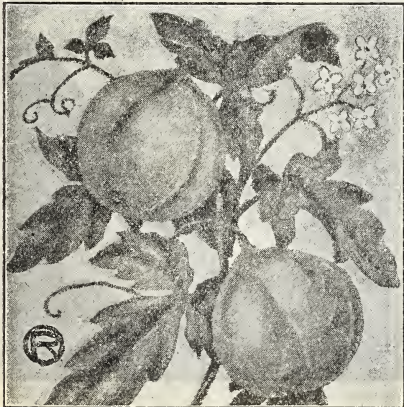
PRIZE MIXTURE.—This strain will produce the most perfectly formed double flowers in the greatest variety of colors. Pkt. 10c; ¼-oz. 50c

BABY BREATH

See Gypsophila, pages 56-74.

BEAN

SCARLET RUNNER.—The well-known, rapid growing annual climber, with bright red flowers, from July to September; height 8 feet. Large Pkt. 10c; oz. 20c



Balloon Vine

BALLOON VINE

(Love-in-a-Puff)

A rapidly growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons and of great interest to children; 8 to 10 feet (see cut). Pkt. 10c; ½-oz. 35c

BELLIS

(Double English Daisy)

Popular spring and summer flowering perennial; fine for borders; height 4 inches. Easily raised from seed. Blooming season from April to September.

Double Mixed. Pkt. 10c; ¼-oz. 50c

Longfellow.—Double pink flowers. Pkt. 25c

Snowball.—Free flowering; pure white. Pkt. 15c

Giant Rose, White or Mixed.—Mammoth in size; very rare. Give them rich ground. Pkt. 20c

BROWALLIA

An old favorite, hardy annual, profuse bloomer, covered with pretty single flowers all summer and fall; grows about 1 foot tall.

Elata Mixed.—Blue and white mixed. Pkt. 10c.

Speciosa Major.—Ultramarine blue. Pkt. 25c.



Aquilegia (Columbine)

CALLIOPSIS

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer if cut often, excellent massing (see cut next page).

CROWN OF GOLD.—(Coronata Maxima.) A splendid cut flower, large, pure golden yellow. All season. Pkt. 10c; ½-oz. 35c

GOLDEN WAVE.—Yellow, with crimson-brown around the eye. Pkt. 10c; ½-oz. 25c

CRIMSON KING.—Rich, velvety crimson or garnet. Pkt. 10c; ½-oz. 30c

ROUTLEDGE PRIZE MIXTURE.—Showy new shades in all of the choicest varieties. Pkt. 10c; ¼-oz. 75c

Perennial Flowers are rapidly gaining in favor. They are lasting and flower each year. You gain 1 year by buying our field-grown plants. See pages 73 to 80.



Calliopsis

CASTOR OIL BEAN.—See Ricinus, page 64.

CALCEOLARIA

Tender annual, a universal favorite for house culture; produces a mass of beautiful puffed, pocket-like flowers of brilliant self-colors and spotted. Our strains of Calceolaria is very fine.

Hybrid Grandiflora.—Mixed. Pkt. 25c

CALENDULA

(Pot Marigold)

Hardy annual; one of the most desirable garden flowers. The flowers are freely produced on long stalks; large, with flat, spreading rays; very showy; flowers the entire season; 12 to 18 inches. Excellent for cutting, beds or borders.

Double Finest Mixed. Pkt. 10c; ¼-oz. 25c

LEMON QUEEN.—A select strain, large double flowers, sunflower yellow. Pkt. 10c; ½-oz. 25c

ORANGE KING.—Grandiflora.—An excellent strain; large, double flowers, rich dark orange. Pkt. 10c; ½-oz. 35c

CANARY BIRD VINE

A rapid-growing summer-climbing annual, 10 to 15 feet high; it will cover trellis work in the most graceful manner, producing hundreds of pretty winged, bright yellow flowers.

Pkt. 10c; ¼-oz. 35c

CANNA

A beautiful, large-leaved, showy flowering plant. Seed must be soaked before planting and started in a hot-bed under glass. (For Canna Roots, see page 91.)

CROZY'S HYBRIDS MIXED. Pkt. 10c; oz. 50c

CAMPANULA

(Bellflower)

PERSICIFOLIA (Peach Bells).—One of the finest of perennial Bellflowers; grows 2 to 3 feet high; pendulant single flowers.

Blue, White or Mixed. Pkt. 10c; ½-oz. \$1.00

CARPATICA (Carpathian Hare-Bell).—Especially good for edging or rockeries. (Plants, page 84.)

Blue or White. Pkt. 10c; ½-oz. 75c

CANTERBURY BELLS

(Camapanula Medium)

Very ornamental garden plants of easiest culture; excellent for cutting; hardy biennial; 2½ feet high, producing upright, bell-shaped flowers of exquisite colors. (See Plants, page 73.)

Medium Single White, Blue, Rose or Mixed. Pkt. 10c; ½-oz. 45c

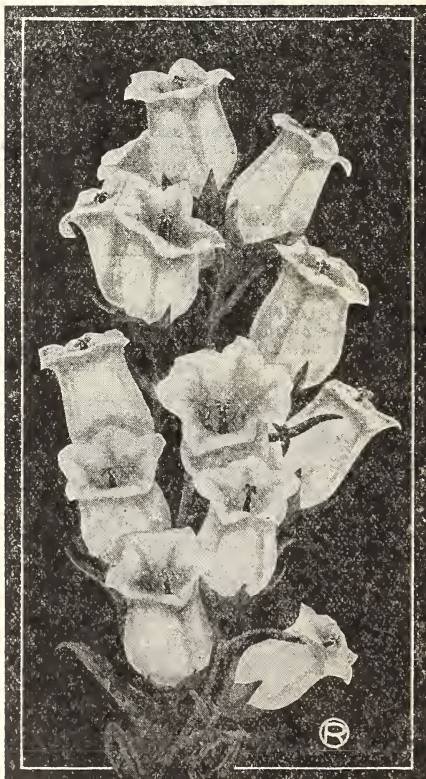
Double Mixed, all colors. Pkt. 10c; ½-oz. 50c

CALYCANTHEMA.—(Cup and Saucer Canterbury Bells).—Beautiful and popular variety.

Calycanthema, Pink, Lilac Blue or White. Pkt. 15c; 2 for 25c; ¾-oz. 75c

Calycanthema, Mixed Colors. Pkt. 10c; ¾-oz. 60c

R. R.'s PRIZE MIXTURE.—A mixture which contains every color and kind of both single and double biennial and perennials. Pkt. 10c; ½-oz. 50c



Single Canterbury Bells

GREAT FOR FLOWER BEDS.—Read page 38, which tells all about our new product "H. Q." Sheep Manure.

CANDYTUFT

(Iberis)

Very popular free-flowering annual, fine for beds or cutting; 1 foot. June to frost if sown early and late.

EMPRESS.—A large-flowered variety of purest white; grown extensively for cut flowers; very desirable. Pkt. 10c; ¼-oz. 35c

PINK, CRIMSON OR LAVENDER.—Very desirable colors; your choice. Pkt. 10c; ¼-oz. 35c

FINEST MIXED.—All colors. Pkt. 10c; ¼-oz. 25c

DWARF WHITE LITTLE PRINCE.—Grows but 6 inches high and throws up strong trusses of pure white flowers; excellent for edging or bordering. Pkt. 10c; ¼-oz. 40c

SEMPERVIRENS.—Perennial; pure white flowers, evergreen foliage; blooms in June; fine for edging, borders and rockeries; 1 foot. Pkt. 15c; 1-16-oz. 35c

CARDINAL CLIMBER

This glorious and absolutely distinct new annual climber is undoubtedly the greatest acquisition to the flower world in years, and the most beautiful and brilliant climber ever grown. It is a strong and rapid grower, attaining a height of 25 feet with beautiful fern-like lacinated foliage and literally covered with a blaze of fiery cardinal red flowers from mid-summer to frost. The flowers are about 1 inch in diameter and are borne in clusters of 5 to 7 blooms each. Like all "Ipomoeas," it delights in a warm, sunny situation and good, rich soil. The seed should be soaked in water a few hours before sowing and not planted outside until about May 1.

Pkt. 15c; 2 Pkts. 25c; ½-oz. 75c

CARNATION

Everyone loves Carnations. For started plants of the finest named varieties, see page 71.

MARGARET CARNATIONS.—The earliest to bloom, and producing large, double, sweet-scented flowers; being half-hardy perennials, if they are slightly protected during the winter they will survive and flower profusely the next spring.

Red or White.—Large flowers.

Pkt. 15c; ½-oz. \$1.00

Choice Mixed. Pkt. 10c; ½-oz. 60c

CELOSIA CRISTATA

(Cockscomb)

Showy, half-hardy annuals of easy cultivation; 1 foot; producing large, brilliant, comb-like flower heads.

Glasgow Prize.—Showy, dark crimson comb.

Pkt. 10c; ½-oz. 60c

Finest Mixed.—Rich mixture of finest dwarf kinds. Pkt. 10c; ½-oz. 40c

Celosia Plumosa

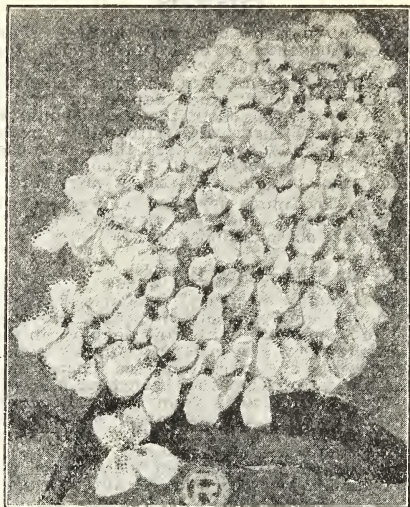
(Feathered Cockscomb)

The plant grows 2 to 3 feet, is of handsome pyramidal form, and the numerous massive plumes, which resemble an ostrich feather waving gracefully above the foliage, make it one of the most effective; of easy culture. Half-hardy annual.

THOMPSONI MAGNIFICA.—The most perfect feathered variety. July to November. Golden Plume. Pkt. 10c

Crimson Plume. Pkt. 10c

Finest Mixed. Pkt. 10c; ¼-oz. 60c



Candy Tuft—Empress

CENTAUREA

(Bachelor's Button—Cornflower)

Very popular annuals; will grow in the poorest of soil, either on seashore or mountains; seed can be sown either in fall or spring; sandy soil preferable; height 2½ feet.

Cyanus, Finest Single Mixed.

Pkt. 10c; ¼-oz. 25c

CENTAUREA CYANUS fl. pl. (Double Bachelor's Button.)—Beautiful large double flowers.

Double Blue. Pkt. 10c; ¼-oz. 50c

Double Mixed. Pkt. 10c; ¼-oz. 35c

CENTAUREA IMPERIALIS (Giant Cornflower).—The flowers are of enormous size, fragrant and of charming colors; in form they resemble the fuzzy part of the thistle bloom. Excellent for cutting.

Mixed Colors. Pkt. 10c; ¼-oz. 35c

Marguerite.—White. Pkt. 10c; ½-oz. 40c

MOSCHATUS (Sweet Sultan).—Hardy annual, with very fragrant and showy flowers; 1½ feet; June to September.

Finest Mixed. Pkt. 10c; ½-oz. 35c

White Leaved Centaurea

(Dusty Millers)

These are grown for foliage only; half-hardy annuals; leaves are silver-coated.

CANDISSIMA.—Thick, white, upright; small leaves; 1 foot. Pkt. 10c; ½-oz. 50c

GYMNOCARPA.—Fine, fern-like leaves, very graceful and showy; 1½ feet. Pkt. 10c; ½-oz. 35c

CERASTIUM

(Snow In Summer)

TOMENTOSUM.—A very pretty dwarf white-leaved edging or rock plant, bearing small white flowers. Hardy, perennial. Pkt. 15c

We have Annual Flowering Plants in any quantity during April, May and June. The average price is 50c doz. postpaid. Complete price list on request.

COSMOS

Beautiful autumn-blooming plants. They produce thousands of beautiful flowers, furnishing an abundance of cut blooms for autumn decorations. Can be sown in spring in the open ground, when danger of frost is past, or if wanted early the seed should be started under cover and afterwards transplanted. Set plants not less than 18 inches apart. They prefer a soil rather light and not too rich, but do well almost anywhere.

NOTE.—Too much fertilizer and water will make all foliage and few flowers. (Plants, 60c per doz. postpaid in May.)

Double Crested Extra Early

A new Cosmos of merit. "Double Crested" is unique and exceedingly pretty. Flowers are of good size, with full double centers, surrounded by a row of graceful ray petals. Very dainty and attractive (see illustration). The plants are vigorous, branching and well covered with blooms from September until frost. We offer and improved, selected, extra early strain of this variety. Start early and transplant 2 feet apart. Rather poor, light soil, no fertilizer and little water will give earlier blooms. Pink Beauty, Crimson King or White Queen or Mixed.

Pkt. 15c; 3 for 30c; ¼-oz. \$1.00

MAMMOTH EARLY FLOWERING.—A grand improvement over the first early flowering Cosmos introduced. "Early Mammoth" will give you a profusion of very large, graceful, long-stemmed flowers that will come into bloom in July and last until frost if planted early and given good care.

Early White, Pink, Crimson or Mixed.

Pkt. 10c; ¼-oz. 35c

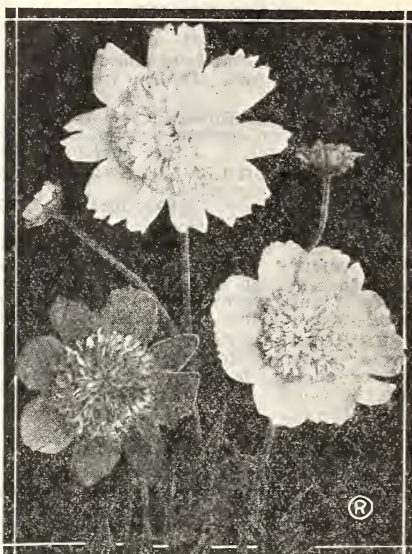
GIANT PERFECTION.—Very large and perfect flowers often 3 to 4 inches across; plants 5 to 6 feet high. Blooms late.

Giant Mixed. Pkt. 10c; ¼-oz. 25c

LADY LENOX.—Giant flowers, free bloomer, flowers shell pink. Pkt. 10c; ¼-oz. 25c



Cosmos Plant in full bloom



New Double Crested Cosmos

COREOPSIS

(Lanceolata Grandiflora)

Hardy perennial, with large, showy, bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year, if sown early under glass. (Plants, page 73.)

Pkt. 10c; ¼-oz. 35c

CHRYSANTHEMUM

These are very showy flowers of easiest cultivation, flowering from July to frost; excellent for cutting; height 2 feet. (For plants, see pages 71-73.)

Single Annual, Finest Mixed.

Pkt. 10c; ¼-oz. 50c

Double Annual, Finest Mixed.

Pkt. 10c; ½-oz. 25c

LEUCANTHEMUM.—(See Shasta Daisy under Daisies, page 53; Plants, page 76.)

CINERARIA

(Hybridi Grandiflora)

We pride ourselves in offering the choicest strain of this gorgeous flower; grand, large blooms in umbel spikes are borne way above the foliage; colors and markings are superb; 1½ feet; tender annual; start under glass, pot and keep inside for pots. Pkt. 35c

CLARKIA

This easily grown, hardy annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities. They do well either in sun or shade, growing 2 feet high, with leafy racemes of bright, pretty double flowers. Fine for cutting or massing in beds.

SEPARATE COLORS.—Double White, Crimson or Salmon Pink. Pkt. 10c; ¼-oz. 40c

ELEGANS DOUBLE MIXED.

Pkt. 10c; ¼-oz. 25c

CULTURAL DIRECTIONS FREE.—Our 2-page leaflet gives full instructions on growing flowers from seed. Free on request. Read it and be successful.



Cobaea scandens

COBAEA SCANDENS

Our most popular and rapid climbing annual, flowering the first season. Pretty, purple, bell-shaped flowers appear in great profusion during the fall months; foliage very graceful; 10 to 15 feet. Start seed under glass. (Plants in May, 25c each.)

Pkt. 10c; 1/4-oz. 35c

COLEUS

Beautiful foliage plants for house or garden. Easily raised if started early under glass.

HYBRIDA CHOICE MIXED.—Best strain. Pkt. 25c

CHINESE WOOLFLOWER

A new annual flower. Very showy, odd and novel. The bunches of wool-like glowing crimson flowers are produced in profusion. Flowers come early and do not fade until hit by frost. Height 2 to 3 feet. Start early and transplant after danger of frost is over. A large bed of these plants certainly produce a magnificent display and will be a dazzling blaze of color from early, until frost.

Pkt. 10c; 1/8-oz. 75c

CYPRESS VINE

A fast-growing annual vine, with feathery dark-green foliage and star-like flowers, July to October; 20 feet. Plant early in light soil and warm location.

Finest Mixed. Pkt. 10c; 1/4-oz. 35c

DAHLIA

This very popular flower can easily be raised from seed; started inside in March will produce flowers in August.

CACTUS MIXED.—Double flowers with pointed or twisted petals. Pkt. 25c

DOUBLE FINEST MIXED.—Produce flowers of the "Show" or "Decorative Class." Pkt. 15c

SINGLE GIANT PERFECTION.—Single flowers of great size and beauty. Pkt. 10c

DAHLIA BULBS.—Latest and best. (See pages 88 to 91.)

DAISIES

SHASTA DAISY.—Very popular and desirable perennial; the large single white flowers are freely produced on long stems. We offer you the best strain in plants or seed. Pkt. 10c; 1/2-oz. 50c

DIANTHUS—PINKS

(Garden Pink)

All varieties listed below are very desirable, and will flower the first season, even sown out of doors in May; they flower early and continue throughout the entire summer; they are excellent for cutting, and bedding; 1 foot.

CINENSIS (Chinese Pink).—Large, showy flowers in unlimited variety of bright colors. Pkt. 10c; 1/4-oz. 50c

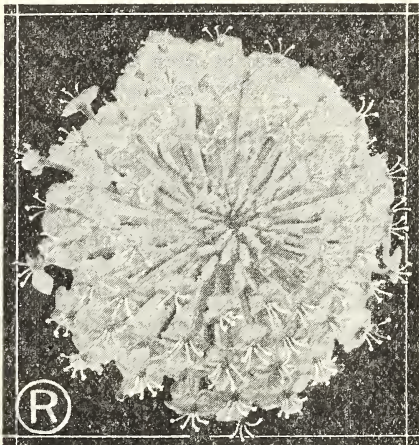
HEDDEWIGII.—(Japan Pink.) Beautiful rich colors. A very popular variety. **Finest Mixed.** Pkt. 10c; 1/2-oz. 50c

FIREBALL.—New, extra double, brilliant, dark scarlet; very beautiful. Pkt. 10c; 1/2-oz. 50c

SNOWDRIFT (Lanceatus).—Extra large, pure white, double, fringed. Fine for border. Pkt. 10c; 1/2-oz. \$1.00

PRIZE MIXTURE.—Very rich mixture, all kinds. Unequaled. Pkt. 10c; 1/4-oz. 75c

SEMPERFLORENS (Perennial Hardy Ever-blooming Garden Pinks).—Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of colors. Pkt. 15c; 1/4-oz. \$1.00



Didicium—Lace Flower

DIDICIUM—"Lace Flower"

Hugelia Coerulea

A rare and lovely free-flowering half-hardy annual, growing about 18 inches high and branching nicely. Flowers light blue or lavender, very dainty and beautiful. The bloom is a cluster of tiny petaled flowers, quite full to the center, the pistils giving the appearance of dainty lace. Florists grow it under glass for cut flowers. Plants set in the garden bloom from June until late fall. A new flower here, but a native of Australia. The seed is very slow to germinate, hardy, and can be planted very early. (See cut.)

Pkt. 15c; 1/2-oz. \$1.00

A HEDGE of Free Flowering Dahlias is AS BEAUTIFUL and more showy than a hedge of ROSES. They are in full bloom when other flowers ARE SCARCE. See pages 88 to 90.

DELPHINIUM

(Perennial Larkspur)

(See cut, page 85.) Handsome, hardy perennial plants for the herbaceous border and shrubbery, producing a profusion of splendid spikes of flowers throughout the summer. The beautiful, graceful, long-stemmed flower spikes make handsome bouquets and last well when cut. If started early will bloom the first season from seed. (For large plants for quick effect, see page 74.)

R. R.'s PRIZE MIXTURE.—Superb Gold Medal collection of choicest hybrids; new, rare and beautiful shades. Wonderful for cut flowers and should be planted generously.

Pkt. 15c; ¼-oz. 75c

BELLADONNA.—Very free and continuous bloomer; delicate and beautiful; clear light blue, large flowers, 4 feet.

Pkt. 25c; ¼-oz. \$1.25

BELLAMOSUM.—This is a rich, deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities.

Pkt. 25c; ¼-oz. \$1.00

CHINENSE (Blue Butterfly).—A distinct and neat variety growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue.

Pkt. 15c; ¼-oz. 50c

CARDINALE.—Brilliant scarlet. Pkt. 25c

New English Delphiniums

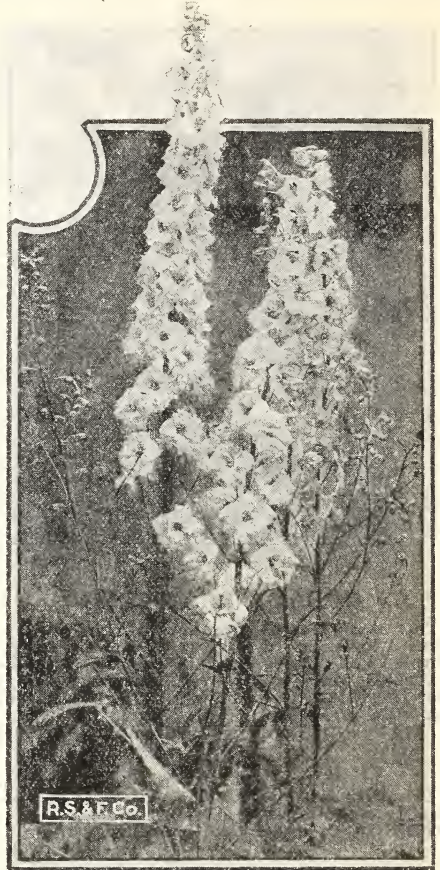
Wonderful Spikes of Rare Colored Giant Flowers

Blackmore & Langdon of England have become the most celebrated growers of Delphiniums. They have rightfully earned the greatest number of AWARDS or MERIT given for Delphiniums in the exacting English Flower Shows, for they have opened the door to the tremendous possibilities of this exquisite blue perennial; they have brought a new conception of what Delphiniums ought to be in size and greater range of color in unbelievable blues; they have shown what gratifying, practical results can be obtained through the Delphinium specialist power to add delightful color, stately beauty and intriguing interest to either the charming little garden or formal arrangement of large grounds.

The seed we now offer our customers is not direct from England, but superior; it's Oregon grown, acclimated and high in germinating power; gathered from only the "cream" of over a hundred named kinds by our grower, who has specialized for years on Delphiniums, devoting most careful attention to trying out "various" prize-winning, world-famous varieties. Every plant that cannot stand a rigid test for vigorous, healthy growth, perfection and giant size and beauty of flower is pulled up and destroyed so as to leave only the choicest, rarest and most charming, from which our seed has been carefully hand picked and blended. We offer it as

ROUTLEDGE'S PRIZE WINNING ENGLISH GIANTS MIXED. Pkt. 100 seeds, 50c; 3 pkts., \$1.25.

NOTE.—We offer no named varieties, as these delphiniums do not come true to parent stock. Divided roots is the only safe method. For plants, see page 74.



English Delphinium

Some produce single flower, others semi-double, ruffled or fluted; some have compact spikes, others more spreading and open. Most all show interesting bee-shaped centers, often of contrasting colors. After the center spike is through blooming, cut it out and the little side shoots will bloom nicely.

Pocatello, Idaho, June 18, 1927.

Routledge Seed & Floral Co.

Dear Sirs: My order has been received in full and everything in excellent condition. I am well pleased.

MRS. MARIE JOHANSEN.

DIMORPHOTHECA

(African Daisies)

Hardy annual, great favorites on account of their extremely showy flowers, which are borne most profusely all summer; neat little plants 12 to 15 inches.

AURANTIACA.—Its Marguerite-like blossoms, 2 inches in diameter, with a rich, glossy orange-gold; conspicuous dark colored disc. Pkt. 10c; ⅛-oz. 35c

AURANTIACA HYBRIDS.—These come in all colors, with different colored zones; rare shades, rich and interesting.

Pkt. 10c; ⅛-oz. 25c

DIGITALIS

(Foxglove)

Hardy perennials; very desirable for effective massing or grouping; invaluable either in the hardy border, between shrubs or in solid beds in open or shady places; 3 to 5 feet. For strong field-grown flowering plants, see page 74.

GLOXINAEFLORA.—A fine strain with handsome spotted gloxinia-like flowers.

White, Purple, Rose or Mixed.

Pkt. 10c; ¼-oz. 35c

GRANDIFLORA YELLOW.—Light yellow in good spikes.

Pkt. 10c; ¼-oz. 40c

MONTROSA (Mammoth Foxglove).—The tall spikes of flowers are surmounted by one monstrous bloom; all colors mixed.

Pkt. 10c; ¼-oz. 40c

BEAUTY MIXTURE.—A grand mixture of all kinds, colors and shades.

Pkt. 10c; ¼-oz. 50c

Baker, Ore., June 20, 1927.

Routledge Seed & Floral Co.

Dear Sirs: Received Bulbs in perfect condition. I thank you for your trouble and square dealing. Remain as ever, your customer.

MRS. FRED A MORIN.

ESCHSCHOLTZIA

(California Poppy)

One of the most popular garden annuals; 1 foot. Sow the seed where plants are to remain in the fall or early spring. It stands considerable cold and blooms early, profusely and continuously until July. Later sowings for late flowers. (See cut.)

New Hybrid Grandiflora Mixture.—This is a wonderful mixture of all the new colors and novelties in the erect large flowering Eschscholtzia. You will find a large percentage of soft pink, scarlet, copper-red, cream, claret, royal purple and other rich and rare tones.

Pkt. 15c; 2 for 25c; ¼-oz. 40c

Californica.—Bright yellow. Pkt. 10c; oz. 40c

Alba.—Pure white. Pkt. 10c; oz. 40c

Caroline King.—A beautiful rose carmine.

Pkt. 10c; ¼-oz. 25c

Golden West.—Very large, bright yellow flowers with orange centers.

Pkt. 10c; oz. 40c

Finest Mixed.—All shades. Pkt. 10c; oz. 40c

ECHINOCYSTIS LOBATA

(Wild Cucumber)

The fastest-growing annual vine in existence; will grow 20 feet in six weeks; pretty foliage and inconspicuous white flowers; soak seed in water over night before planting in dry weather.

Pkt. 10c; oz. 35c

GAILLARDIA

(Blanket Flower)

Splendid, showy plants for beds or borders; excellent for cutting; the hardy perennial varieties; if sown early will bloom the first season; July to frost; 1½ feet. Field-grown plants, page 74.)

GRANDIFLORA SUPERBA.—Hardy perennial, splendid mixed single varieties in crimson and gold.

Pkt. 15c; ½-oz. 40c

LORENZIANA.—Hardy annual; double flowers in red and yellow shades.

Pkt. 10c; ½-oz. 25c



Eschscholtzia—California Poppy

GODETIA

(Satin Flower)

This showy, hardy annual deserves greater popularity. Attractive flowers of satiny texture, from white to all shades of pink and crimson. They grow rapidly and flower profusely in poor soil, or easy cultivation. Fine for seashore or mountain resorts; 1 foot; July to October.

Dwarf White, Bright Red or Finest Mixed or Tall Double Mixed.

Pkt. 10c; ½-oz. 25c

GOURDS

These are desirable in many places where an immense amount of vine is wanted quickly. Most sorts are good for 20 feet in a season and the blooms of some are quite striking and handsome. With many sorts the fruit is unique and ornamental and often useful.

Calabash.—The famous pipe gourd, dipper shaped.

Pkt. 10c; oz. 40c

Egg, Hercules, Dipper, Dish Cloth, Pear or Mixed, all kinds.

Pkt. 10c; ¼-oz. 15c

GERANIUM

ZONALE, MIXED.—A superb strain of the largest and finest varieties. Should be started indoors and transferred to the open in May or June.

Pkt. 25c

GEUM

MRS. BRADSHAW.—A beautiful and hardy perennial, bearing profusely showy double brilliant scarlet-crimson flowers all through the summer; a beautiful and popular flower for beds and borders; excellent for cut flowers. (For Plants, see page 74.)

Pkt. 15c; ½-oz. 50c

LADY STRATHEDEN.—Same as above but golden yellow flowers.

Pkt. 25c; ½-oz. \$1.00

GOMPHRENA

(Globe Amaranth)

A dwarf hardy annual, with pretty flower-like beads of purple, white and red flowers; 2 feet; flowers everlasting.

Finest Mixed.

Pkt. 10c; ¼-oz. 25c

MORE HARDY FLOWERING SHRUBS should be planted in the West—they give no trouble, increase in size and grow more beautiful year by year.

GYNERIUM

(Pampas Grass)

ARGENTEUM.—Hardy perennial; the famous Pampas Grass, with beautiful silvery plumes; 10 feet. Pkt. 10c



Gypsophila—Baby's Breath

GYPSOPHILA

(Angel-Baby's Breath)

Pretty free-flowering, elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers. The annuals should be sown early in the spring, again in midsummer for a continuous supply.

ELEGANS ALBA GRANDIFLORA.—Hardy annual, easily grown from seed; flowers small, pure white; 2 feet; June. Pkt. 10c; ¼-oz. 25c

"PARIS MARKET."—**GRANDIFLORA ALBA.** Improved variety of above with larger, pure white flowers. Pkt. 10c; ¼-oz. 30c

ELEGANS ROSEA GRANDIFLORA.—Hardy annual; flowers delicate pink; very dainty. Pkt. 10c; ¼-oz. 35c

ELEGANS CARMINEA.—A recent introduction of a deep carmine. Annual. Pkt. 10c; ¼-oz. 35c

MURALIS.—Hardy perennial; plants dwarf, about 6 inches; flowers shell pink; fine for borders or rock work. Pkt. 10c; ½-oz. 25c

PANICULATA.—Hardy perennial; one of the finest for cutting; pure white flowers, very small, and borne in large, delicate sprays; June to September; 3 feet. Pkt. 10c; ½-oz. 25c

PANICULATA FL. PL.—New, double-flowering. White. Pkt. 25c; 3 for 60c

(For strong roots of G. Paniculata for immediate effect, see page 74.)

HELIOTROPE

Delightfully fragrant, half-hardy perennial; popular pot and garden bedding plant; also for cutting. Some of the best plants may be raised from seed very readily; 1½ feet; start inside or under glass.

FINEST MIXED. Pkt. 10c; ¼-oz. 50c



Helianthus—New Miniature

HELIANTHUS

(Sunflower)

Hardy annual Sunflowers are indispensable for cutting and a bright display of yellow flowers in the garden. Plant early.

CUCUMERIFOLIUS — STELLA (Improved Miniature Sunflower). Grows about 3 feet tall, covered with pretty single flowers of the purest golden yellow, with black disc. Fine for cutting. Pkt. 10c; ¼-oz. 35c

NEW MINIATURE MIXED.—A multitude of new varieties. They all differ from the parents, most of them being larger, and many with curiously twisted petals. The prevailing colors are pale yellow, golden yellow and creamy white, some with black centers, and all beautiful; for cutting they are indispensable. Pkt. 10c; ¼-oz. 35c

GLOBOSUS FISTULOSUS (Globe or Dahlia Sunflower). Flowers large, double, very full in the center and of a rich saffron color; 6 feet; annual. Pkt. 10c; ¼-oz. 25c

PERENNIAL MIXED.—A choice mixture of the best perennial varieties. Pkt. 15c; ½-oz. \$1.00

HELENIUM

Hardy perennials, bearing in profusion during summer and fall, beautiful flowers for display or cutting. (Plants, page 74.)

Autumnale Superbum.—Massive spreading heads of deep golden yellow flowers; 5 feet. Pkt. 10c

Riverton Beauty.—Rich lemon-yellow with purplish black cone. (4 feet.) Pkt. 10c

Riverton Gem.—Old gold changing to wall flower red. Admired by all. (4 feet.) Pkt. 10c

HELICHRYSUM

(Straw Flower)

Monstrosum Fl. Pl.—One of the best of "Everlastings." Make a fine display in the garden. Especially grown to dry and use in baskets and vases through the winter. When half open cut, strip off all leaves and hang head downward in a dark, dry place until cured; plant 12 inches apart; hardy annuals; 2½ feet.

Fireball, Goldenball, Salmon Queen, Silverball or Double Mixed. Pkt. 10c; ¼-oz. 35c

FEED YOUR PLANTS.—You must supply "feed," in other words, fertilizer. If you want the best results. Read about "H. Q." Sheep, and Marvel Q. A. Fertilizer, pages 37-38.

HOLLYHOCK

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time during late summer will produce fine plants for flowering the next year.

CHATER'S DOUBLE.—Our superb strain of this is the best that can be produced; seeds saved from the most double flowers.

White, Rose, Crimson, Yellow, Salmon Rose or Mixed. Pkt. 10c; ¼-oz. 75c

NEWPORT PINK.—New. The finest pure pink variety, exquisite in shade, flowers double. Pkt. 15c; ½-oz. 40c

ALLEGHENY. — Semi-double; mammoth flowers, having the edges of the petals finely fringed and lacinated; will bloom the first year if sown early.

Cholcest Mixed. Pkt. 10c; ¼-oz. 60c

NEW ANNUAL EVER-BLOOMING.—Seeds sown in the house in March will produce flowers in July on plants 4 feet high; however, the plants do not attain their perfection until their second year, when they grow 6 to 8 feet high, and flower continuously from June till frost.

Single Mixed. Pkt. 10c; ¼-oz. 50c

Double Mixed. Pkt. 15c; ½-oz. 75c

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**HOLLYHOCK  
 PLANTS IN  
 ALL COLORS  
 OFFERED ON  
 PAGE 74**  
 ~~~~~



Semi-Double Hollyhock

HUNNEMANNIA

FUMARIAEFOLIA (Giant Yellow Tulip Poppy).—Hardy annual; foliage fern-like; flowers tulip-shaped, golden yellow; very showy; July to frost.

Pkt. 10c; ¼-oz. 35c

HUMULUS

(Japanese Hop)

Hardy annual climber; of rapid growth; attains a height of 12 feet.

JAPONICA VARIEGATA.—Foliage green and white; very pretty and effective; not affected with insects. Pkt. 10c; ½-oz. 35c

ENGLISH HOP ROOTS. Pg. 98. Each 15c

JOB'S TEARS

COIX LACHRYMAE.—Ornamental grass, producing curious seeds which are dried and used for beads. Annual; 2 to 4 feet.

Pkt. 10c; oz. 20c

KOCHIA

SUMMER CYPRESS or BURNING BUSH.—Annual; forms dense bushes of upright plumage-like foliage; during the summer they remain light green and in early fall they change to carmine and blood red; 2 feet; make a dainty and showy hedge or nice single specimens.

Pkt. 10c; ¼-oz. 35c

KUDZU VINE

(Pueraria Thumberglana)

A twining vine of remarkably rapid growth, attaining a length of from 40 to 50 feet in one season from established roots; a hardy perennial, though the vine dies down every winter in the North. Foliage large and lobed; purple, pea-shaped flowers in clusters, borne late in the season. A fine vine for arbors, verandas, etc. Easily grown from seed.

Pkt. 10c; ¼-oz. 50c

LARKSPUR—Annual

Unsurpassed by any other hardy annual. Seed sown in the open ground in April or May will produce flowers from July to frost. Their free, graceful habit and lovely bright flowers are very effective for beds or borders. Charming cut flowers for decoration.

TALL DOUBLE STOCK FLOWERED.—The finest tall branching variety with splendid sprays of beautiful flowers; 3 feet. White, Pink, Lustrous Carmine—Sky Blue, Dark Blue or Mixed. All colors Pkt. 10c; ¼-oz. 50c

EXQUISITE.—New, a beautiful soft pink. A charming new shade that will be highly prized by florists.

Pkt. 15c; ½-oz. 35c

TALL HYACINTH—FLOWERED. The flowers are very large, double, and come in the most beautiful colors. The tall, handsome spikes of flowers are produced early in the season. Excellent for bouquets.

Finest Mixed. Pkt. 10c; ¼-oz. 40c

DOUBLE DWARF ROCKET.—1 foot; compact growing bush, splendid spikes of double flowers in all colors.

Mixed. Pkt. 10c; ¼-oz. 40c

EMPEROR.—Slender spikes of exquisite double flowers in unlimited quantity and of delicate shades; 2 feet.

Mixed. Pkt. 10c; ¼-oz. 40c

PERENNIAL LARKSPUR.—(See Delphinium, page 54; plants, page 74.)

LATHYRUS LATIFOLIUS

PERENNIAL SWEET PEA.—Free flowering, hardy perennial climbers, bearing beautiful flowers all season.

White or Pink. Pkt. 15c; ¼-oz. 75c

Mixed. Pkt. 10c; ¼-oz. 50c

LOBELIA

Lobelia Plants in April and May at 50c doz. postpaid.

ERINUS GRACILIS.—Trailing, excellent for vases, hanging baskets and window boxes. Bright blue flowers. Pkt. 10c; $\frac{1}{8}$ -oz. 35c

SPECIOSA.—Trailing, true dark blue flowers, with dark foliage. Pkt. 10c; $\frac{1}{8}$ -oz. 40c

HYBRIDA SAPPHIRE.—A beautiful trailing Lobelia; very large, deep sapphire blue flowers, with a large and clear white eye; very free flowering; extra long trailer. Pkt. 15c; $\frac{1}{8}$ -oz. 75c

CRYSTAL PALACE COMPACTA.—Little dwarf bedding plant; dark blue flowers cover the whole plant during the entire season; very compact and used extensively in carpet bedding or edging; height 4 inches. Pkt. 10c; $\frac{1}{8}$ -oz. 50c

WHITE GEM.—Compact little plants, covered with snow-white flowers. Pkt. 10c

CARDINALIS (Cardinal Flower).—Hardy perennial garden plant, with spikes of deep cardinal red flowers; August and September; 3 feet. Pkt. 15c; $\frac{1}{8}$ -oz. \$1.00

LINUM

(Flowering Flax)

GRANDIFLORUM RUBRUM (Scalet Flax).—One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers; hardy annual; 1 ft. Pkt. 10c; $\frac{1}{4}$ -oz. 25c

LUPINUS

Ornamental, free-flowering, easily grown, with long, graceful, upright spikes of rich and variously colored pea-shaped flowers; valuable for mixed borders and beds.

ANNUAL TALL MIXED.—Valuable for cutting; 2 feet. Pkt. 10c; $\frac{1}{4}$ -oz. 35c

POLYPHYLLUS MIXED.—Showy perennials, growing stout and erect; good for cutting, flowers in white, rose and blue colors; 3 feet; May and June. Pkt. 10c; $\frac{1}{4}$ -oz. 35c



Trailing Lobelia—Sapphire

MIGNONETTE

(Reseda)

A universal favorite; very fragrant; no home garden is complete without Mignonette. It needs a cool soil only moderately rich; grows 8 to 15 inches high and is treated as a half-hardy annual.

GRANDIFLORA.—Large-flowering, sweet, fragrant, spikes of greenish yellow color. Pkt. 10c; oz. 35c

DEFIANCE.—Giant spikes; flowers abundant and very fragrant. Pkt. 10c; $\frac{1}{4}$ -oz. 25c

GOLIATH RED.—Excellent for pots or garden; highly colored. Pkt. 10c; $\frac{1}{8}$ -oz. 35c
Pkt. 10c; $\frac{1}{8}$ -oz. 35c

WHITE PEARL.—New; the best white flower; very attractive. Pkt. 10c; $\frac{1}{8}$ -oz. 35c

MIMULUS

MOSCHATUS (Muskplant).—A pretty, trailing plant with small yellow flowers, giving forth a musk-like fragrance; fine for hanging baskets, etc. Annual. Pkt. 15c

LYCHNIS

CHALCEDONICA.—Hardy perennial producing bright scarlet flowers of malted cross form, in medium size flat umbels, handsome for beds and borders. Of easy culture, blooming the first year if sown early. Very bright and showy, 2 to 3 feet. Pkt. 10c; $\frac{1}{8}$ -oz. 30c

Our 2-page
Leaflet
"HOW TO
GROW FLOW-
ERS FROM
SEED,"
Free on
Request



Mignonette—Flower Spikes

GLADIOLI BULBS make a beautiful display when in bloom and are of the easiest culture and really not expensive, as they multiply rapidly. See pages 84-85-86.

MARIGOLDS

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective.

Plants.—Choice plants in May at 60c doz. postpaid.

TALL AFRICAN, DOUBLE.—(See cut.)

Splendid for cutting and decoration; 3 feet.

Orange Prince.—Enormous double flowers of rich deep golden orange.

Pkt. 10c; 1/8-oz. 25c

Lemon Queen.—Extra large double flowers of a clear canary yellow.

Pkt. 10c; 1/8-oz. 25c

Eldorado.—Double flowers of large size in all shades of yellow.

Pkt. 10c; 1/8-oz. 40c

Tall African Double Mixed.—All shades.

Pkt. 10c; 1/4-oz. 35c

DWARF FRENCH.—These form small, compact bushes about 12 inches high, covered with smaller but very rich colored flowers.

Dwarf Golden Ball.—Flowers ball-shaped, pure golden yellow.

Pkt. 10c; 1/8-oz. 30c

Dwarf Dark Brown.—Rich reddish-brown or mahogany; double.

Pkt. 10c; 1/8-oz. 35c

Dwarf Striped.—Very double, mahogany red, striped with gold. Very attractive.

Pkt. 10c; 1/8-oz. 40c

Dwarf French Double Mixed.—All shades in solid and striped colors.

Pkt. 10c; 1/4-oz. 35c

Dwarf French Single

Legion of Honor.—Golden yellow marked with velvety brown.

Pkt. 10c; 1/8-oz. 30c

TALL FRENCH DOUBLE MIXED.—2 feet.

Pkt. 10c; 1/4-oz. 25c

New Dwarf Marigold

SIGNATA PUMILA.—A miniature marigold flowering, compact little plant, 6 to 8 inches high and completely covered with single flowers which are bright yellow with a brown stripe down the center of each petal. Very striking for edgings. Planted with Lobelia. (See cut.)

Pkt. 15c; 2 for 25c



African Marigold

MESEMBRYANTHEMUM

Dwarf trailing plants of great beauty blooming the whole summer, thriving best in a dry, loamy or sandy soil; half-hardy annuals; 12 to 15 inches.

TRI-COLOR.—Very dainty, pointed petaled, brilliant salmon-pink flowers.

Pkt. 15c

CRYSTALLINUM (Ice Plant).—Flowers white, prized for its singular icy foliage.

Pkt. 15c

MYOSOTIS

(Forget-Me-Not)

Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Hardy perennials if given slight protection through the winter.

Seed may be sown any time from spring till mid-summer. The *Alpestris* and *Dissitiflora* come into bloom in April, and are largely used for bedding between plantings of Dutch flowering bulbs. The *Palustris* sorts do not bloom till May, but continue till fall. (Perennial plants, page 74.)

DISSITIFLORA.—Rich blue; early flowers in fine sprays; 6 inches.

Pkt. 15c; 1/8-oz. \$1.50

ALPESTRIS VICTORIA.—Of bushy habit; bearing large, double, bright blue flowers; yellow eye; very fine; 6 inches.

Pkt. 10c; 1/8-oz. \$1.00

ALPESTRIS ROYAL BLUE.—Rich indigo blue; 9 inches.

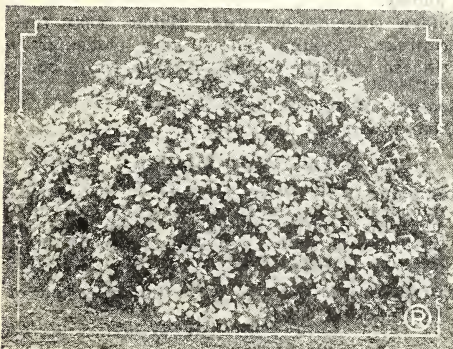
Pkt. 15c; 1/8-oz. 50c

FINEST MIXED.—A mixture of blue, rose and white varieties.

Pkt. 10c; 1/8-oz. 40c

PALUSTRIS SEMPERFLORENS.—Perennial; flowers bright blue; blooms from early spring until autumn.

Pkt. 15c; 1/8-oz. \$1.00



Signata Pumila

Eatonville, Wash., March 25, 1927.

Routledge Seed & Floral Co.,
Portland, Oregon.

Dear Sirs: Will you please send your new seed catalog for 1927? As I had such good luck with all the seed I got from you, would like to get some more this year.

Thanking you,

MISS MATTIE CHNECK.

BEAUTIFUL LILIES—You will find the most popular as well as new and rare varieties on pages 78 and 82-83. **PLANT MORE.**



Morning Glory

MARVEL OF PERU

(Four o'Clock)

Hardy annual, flowering from July to October; brilliant colors; 3 feet.
Finest Mixed. Pkt. 10c; oz. 35c

MOONFLOWER—Ipomoea

GRANDIFLORA ALBA.—Large, heart-shaped leaves, and large, pure white flowers, which open only late in the evening; 10 feet. Pkt. 15c; ¼-oz. 25c

MORNING GLORY

(Ipomoea)

The tall varieties are popular, well known, rapid-growing climbers of the easiest cultivation; very fine for covering arbors, trellises, porches, etc.; give them rich soil and a warm situation. The Minor or Dwarf varieties flower very freely.

CONVOLVULUS MAJOR.—Tall, choice, single mixed; all colors. Pkt. 10c; oz. 35c

CONVOLVULUS MINOR.—Dwarf mixed. Very spreading; 12 inches. Pkt. 10c; oz. 35c

IMPERIAL JAPANESE FRINGED.—These have very large fringed flowers in a great variety of the most exquisite colorings; handsome foliage. Pkt. 10c; oz. 50c

CHOICE PRIZE MIXTURE.—This is a mixture of both American and Japanese varieties; very choice. Large Pkt. 10c; oz. 50c (Note.—Soak the Japanese Morning Glory seed in warm water for 24 hours before planting.)

NEMESIA

GRANDIFLORA COMPACTA TRIUMPH.—A very pretty, half-hardy, free-flowering annual; the plants grow about a foot high and the beautiful, dainty flowers are very varied in color, including rose, yellow, blue, orange, etc. An ideal bedding plant. Seed sown in the autumn makes beautiful pot plants for early spring blooming. Mixed Colors. Pkt. 10c; ¼-oz. 75c

NICOTIANA

One of the easiest annuals to raise and one of the most effective. The flowers are long tubed, star-shaped, and are produced in great profusion. The flowers open toward evening and emit a powerful perfume.

AFFINIS.—Delightfully sweet-scented, pure white flowers, blooming continually; 2 to 3 feet. Pkt. 10c; ½-oz. 25c

AFFINIS HYBRIDA.—Splendid hybrids in blue, red and rose, etc., shades. Pkt. 10c; ½-oz. 30c

SANDERAE.—Of elegant branching habit, and bearing on light, graceful stems great quantities of very beautiful rosy carmine flowers; all-summer valuable border plant; 3 feet. Pkt. 10c; ½-oz. 30c

NIGELLA

(Love In a Mist—Devil In the Bush)

A compact free-flowering plant with finely cut foliage and pretty feathery flowers; hardy annuals; blue and white; 1½ feet. Double Mixed. Pkt. 10c; ½-oz. 15c

MISS JEKYLL.—A lovely variety with cornflower blue blossoms; splendid for cutting. Pkt. 10c; ½-oz. 25c

NASTURTIUM—TALL OR CLIMBING

The most popular and most beautiful free-flowering annual climbing vines. These are all of strong, vigorous growth, throwing out running shoots that can be trained upon strings or wires, or can be readily made to climb ordinary paling fences or wire netting. They are very showy also planted at the top of a steep slope and allowed to run down the bank. We offer only the finest strains, producing the largest and richest flowers.

Your choice, Pkt. 10c; full collection, 8 kinds, 50c; per oz., any kind, 25c.

Asa Gray.—Light yellow, almost white.

Black Prince.—Velvety crimson, dark leaved.

Firefly.—Bright yellow, spotted cardinal red, calyx and spur ruby; very pretty and showy.

Golden Queen.—Sunflower yellow, very fine.

Primrose.—Creamy yellow, very pleasing.

Princess Victoria Louise.—Cream white, scarlet spot.

Regina.—Beautiful light salmon.

Spliffire.—Bright fiery scarlet.

Tall Prize Mixture

Routledge Tall Prize Mixture.—This is undoubtedly the finest mixture of tall nasturtiums offered anywhere; every shade is grown separately and then mixed; dark leaved. Large Pkt. 15c; oz. 25c; ¼-lb. 60c

Tall Choice Mixed.—A very fine selection of beautiful varieties. Large Pkt. 10c; oz. 15c; ¼-lb. 50c

Ivy-Leaved, Finest Mixed.—The ivy leaves, borne on very slender stems, are of a dark metallic color, which forms a striking contrast to the beautiful flowers; an excellent variety for vases, hanging baskets, etc. Pkt. 10c; oz. 25c

Variegated Queens.—A new strain of tall Nasturtiums having beautifully variegated leaves; green, white and yellow; flowers large and of many bright colors.

Superb Mixed Pkt. 10c; oz. 25c

STIM-U-PLANT.—A Fertilizer in "tablet" form, is very convenient, clean and satisfactory way to supply necessary plant food. See page 39.

NASTURTIUMS—Continued**DWARF NASTURTIUMS**

These are of dwarf, compact, rounded growth and are especially desirable for planting as borders to flower-beds or along garden walks. As with all Nasturtiums, they succeed best on light, well-drained soils or in slightly raised beds.

- Aurora.—Terra cotta, reddish orange.
 Beauty.—Yellow and scarlet, very pretty.
 Bronze.—Reddish golden bronze, rich.
 Crystal Palace Gem.—Rich yellow, spotted maroon.
 Empress of India.—Dark scarlet, dark leaved.
 Golden King.—Rich Indian yellow, dark leaved.
 Vesuvius or Salmon Queen.—Salmon rose.

Price, all above Dwarf varieties, Pkt. 10c;
 Full Collection of 7 Pkts. 50c; per oz. 25c.

R. R.'s Dwarf Beauty Mixture

Composed of new and rare sorts; exceedingly brilliant and beautiful. A mixture of very lovely, true dwarf varieties.

Large Pkt. 15c; oz. 25c; ¼-lb. 60c

CHOICE DWARF MIXED.—Not equal to above, but far superior to most mixtures.
 Large Pkt. 10c; oz. 20c; ¼-lb. 50c

PORTULACA

Low-growing or creeping tender annual, six to eight inches high, and bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The foliage and stems are thick. The seed germinates slowly and should be started under glass or when the weather is hot. These flowers love the sunshine and do best on rather dry ground; excellent for embankments. Plants in May 60c. doz.

Single, Finest Mixed. Pkt. 10c; ¼-oz. 40c
 Double, Finest Mixed. Pkt. 15c; ¼-oz. 75c

PENTSTEMON

(Beard Tongue)

The handsome, brilliant flowers are borne on long terminal spikes, much resembling Gloxinias. Perennial; will bloom the first season if sown early; 3 feet. All colors from yellow to red and purple. (Plants, page 75.)

HYBRIDA MIXED. Pkt. 10c; ¼-oz. 50c

PHLOX DRUMMONDI

One of the showiest and most easily raised of all annuals. We know of nothing which produces such a continuous supply of the most attractive flowers in a most wonderful range of colors; 1 foot. Seed should be sown in the ground as soon as danger of frost is over and in a few weeks the beds are a blaze of glory. Plants in May 60c doz.

DRUMMONDI GRANDIFLORA, MIXED.—A splendid mixture of all shades and colors.
 Pkt. 10c; ¼-oz. 35c.

SEPARATE COLORS.—White, Pink, Rose, Scarlet, Lilac, Primrose or Striped.
 Pkt. 10c; ¼-oz. 50c

DECUSSATA (Tall Perennial Phlox).—One of the finest perennials with its extremely large heads of the most magnificent colored flowers, blooming in August and September. Pkt. 10c; ¼-oz. \$1.00

PERENNIAL PHLOX PLANTS on page 86. All kinds Annual Plants, page 75.

Grants Pass, Ore., Dec. 22, 1926.

Rouledge Seed & Floral Co.,
 Portland, Oregon.

Dear Sirs: Please send me your 1927 seed catalog, as I had good luck with your seeds last year and would like to try them again.

Very truly yours,

HENRY BARLETT,
 R. No. 3, Box 90-B.

PRIMULA

(Primrose)

The first two varieties named below are hardy, early-blooming garden plants, and the others beautiful winter-blooming house plants. Their various forms and blending of colors are exceedingly pleasing and effective. They thrive best in a rich, loamy soil. (Plants, 75.)

POLYANTHUS (Veris Mixed).—Early blooming, dwarf growing plants, valuable for outdoor bedding and edging, 8 inches, perennial.
 Mixed. Pkt. 15c.

VULGARIS (Veris Aureau).—Yellow, common, English Primrose; hardy garden variety; perennial; 8 inches. Pkt. 15c

OBCONICA GRANDIFLORA HYBRIDS.—A lovely, profuse bloomer, bearing beautiful clusters of single flowers, for pots only.
 Pkt. 25c

SINENSIS OR CHINESE PRIMROSE.—Beautiful, large, fringed flowers; especially fine for winter and spring flowers in the house; free bloomers.
 Finest Mixed. Pkt. 35c

PYRETHRUM

AUREUM.—Golden Feather.—Half-hardy, perennial; valuable for edging, as their yellow foliage makes a fine contrast with other bedding plants; 6 inches. Pkt. 10c

HYBRIDUM GRANDIFLORUM.—Produce in early spring and again in the fall, large daisy-like flowers in a wide range of colors. Excellent for cutting. Perennial. (Plants, page 75.)

Single Mixed. Pkt. 15c; ½-oz. \$1.00

PETUNIA

One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost. Excellent for balcony or porch boxes. The strains we offer are the very choicest obtainable.

SINGLE VARIETIES

Ruffled Giants, Prize Mixture

Ruffled Giant Prize Mixture.—This strain produces in great profusion enormous flowers, having edges of petals beautifully ruffled and fluted; of great variety of colors, many being beautifully veined; unsurpassed for size and beauty.
Pkt. 35c; 1,000 seeds \$3.00



New Fringed Hybrid

A lovely petunia with charming fringed flowers of exquisite forms and beautiful colors. Not equal in size to Ruffled Giant, but they are more delicate and really beautiful.

Pkt. 25c; 3 for 60c

LARGE-FLOWERED FINEST MIXED.—Fine large flowers in superb mixture.

Pkt. 15c; 1/8-oz. \$1.00

FINE MIXED.—An assortment of medium-sized flowers; fine for bedding.

Pkt. 10c; 1/2-oz. 50c

New—Separate Colors

PINK TRIUMPH—NEW.—Of large size, beautifully ruffled, a clear, bright pink. A charming free-flowering variety.

Pkt. 20c; 3 for 50c

GIANT WHITE.—Unrivalled for beauty of texture and size. A glistening satiny white with yellow throat.

Pkt. 20c; 3 for 50c

ELKS' PURPLE.—Giant single purple.

Pkt. 35c

PRIDE OF PORTLAND.—Beautiful fringed pink. Very popular local variety.

Pkt. 35c

BALCONY PETUNIAS.—A new and splendid free, large-flowering type for windows, baskets, vases or bedding.

Balcony, White, Rose or Deep Blue.

Pkt. 20c; 3 for 45c

ROSY MORN.—Soft carmine pink, with white throat. A wonderful bloomer and fine for beds or border.

Pkt. 10c; 1/2 oz. 75c

Winchester, Ore., Oct. 30, 1926.

Dear Sirs: Giant Prize Mixture Petunias (seed) were truly wonderful. Had them in around 12-inch raised bed, completely covered.

MRS. MONROE NANCE.

DOUBLE PETUNIAS

All of our Double Petunias are selected with greatest care, and contain as large a percentage of double flowers as it is possible to obtain.

GIANT DOUBLE, FINEST MIXED HYBRIDS.—A new and exceptionally fine strain; unsurpassed for the large, beautifully colored double flowers.

Pkt. 50c; 500 seeds \$3.00

GIANT DOUBLE MIXED.—Large fringed flowers of wonderful form and beauty. Quite true.

Pkt. 35c; 500 seeds \$2.50

CHOICE DOUBLE MIXED.—Large per cent of double flowers. Pkt. 25c; 500 seeds \$2.00

New Fringed Hybrid

POPPY — PAPAVER

Universal favorite of the easiest culture. They produce a wealth of the most beautiful and showy blooms. Both perennial and annual poppies bloom the first year from early-sown seed. Perennial varieties will, but annuals will not, transplant safely, therefore sow the annuals where they are to remain and thin out, giving each plant ample room to grow and develop.

FLANDERS.—The scarlet poppy of the fields of Flanders, made famous in the song and story of the great war and familiar to all members of the A. E. F. who served in Belgium and France. Remarkable for their tenacity of growth and their profuse flowering quality. Flowers satiny, crinkled, bright scarlet, nicely poised on slender stems. About the size of Shirley. Flower first season from early-sown seed.

Pkt. 10c; 1/4-oz. 25c

CARNATION FLOWERED (Annual).—Splendid double fringed flowers.

Mixed Colors.

Pkt. 10c; oz. 35c

SALMON PINK.—Lovely shade.

Pkt. 10c; oz. 35c

TALL PEONY FLOWERED.—Large, handsome, showy double globular flowers resembling a double Peony (annuals). We offer 2 beautiful colors, Shrimp Pink and Vermilion Red.

Pkt. 10c; 1/4-oz. 20c

SHIRLEY (Annual).—Charming poppies. Flowers single and semi-double, and range in color from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood-red, while many are daintily edged and shaded. The petals are like silk. Free-blooming and fine for borders or beds; 1 1/2 to 2 feet.

Mixed. Pkt. 10c; 1/4-oz. 25c; oz. 75c

ANNUAL SUPERB MIXTURE.—A superior strain, containing the choicest of single and double varieties in all of the brightest colors.

Pkt. 5c; oz. 35c

CALIFORNIA.—See Escholtzia, page 55.

PLANT COLLECTION FOR HANGING BASKETS.—We will send a fine collection of two upright and six trailing plants for 75c postpaid.

POPPY — Continued



Oriental Poppy

ICELAND, OR NUDICAULE (Perennial).—These are of a very graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks, about 12 inches in height, bearing beautiful brilliant single flowers in endless profusion, and most useful for cutting. (For plants, see page 84.)
 Yellow, White, Scarlet. Pkt. 10c; ¼-oz. 50c
 Single Mixed. Pkt. 10c; ¼-oz. 35c

Double Iceland Mixed. Very choice strain, double flowers. Pkt. 15c; ¼-oz. \$1.00

GIANT ORIENTAL POPPIES

Among hardy perennials these hold an unrivaled position for gorgeous effectiveness. Height 2 to 3 feet, flowers immense, often 6 inches across. Excellent cut for decoration. Plant in the open ground in June or July to bloom the following season.

Oriental Brilliant.—Bright scarlet, black spots at base of each petal. Pkt. 10c; ¼-oz. 75c

Oriental Princess Victoria.—A beautiful salmon-pink; wonderful flower. Pkt. 25c

Oriental Hybrids Mixed.—All colors. Pkt. 15c; ¼-oz. \$1.00

Poppy Plants.—See page 75.

RUDBECKIA

BICOLOR SUPERBA.—Fine free-flowering annual; 2 feet; long stems, bright yellow double flowers. Pkt. 10c

FULGIDA (perennial).—Producing in masses during August and September brilliant orange-yellow flowers; 6 feet. Pkt. 10c

NEWMANI.—Perennial; large, bright orange-yellow flowers, dark centers. Pkt. 15c

Stevenson, Wash., Feb. 7, 1927.

Routledge Seed & Floral Co.,
 Portland, Oregon.

Dear Sirs: I am very much pleased with your seeds and I have ordered of some other houses once or twice and have to order over and send to you. Now I always give you an order every year.
 MRS. A. KINGMAN.

GIANT PANSIES

This popular flower thrives best on a cool, moist, but well-drained soil enriched with well-rotted barnyard manure or fine ground bone. Seeds sown early will produce fine plants for summer blooming. The florists' method, though, is to sow in July or August, and protect the plants during the winter, and they will flower continuously early the following spring and summer.

ROUTLEDGE PRIZE MIXTURE.—For variety of markings, beauty of form, size and splendid texture, this superb strain cannot be excelled. Pkt. 25c; ¼-oz. \$1.25

STEELE'S MATSODON.—This superb strain is famous among professional florists everywhere. Flowers rare and rich in colors and of giant size; Oregon grown. Mixed. Pkt. 20c; ¼-oz. \$1.00

GIANT TRIMARDEAU.—A popular bedding strain on account of the strong, sturdy plants and the enormous flowers in the greatest variety of colors.

CHOICE MIXED.—A fine bedding strain. Pkt. 10c; ¼-oz. 35c

New Giant Pansies, Separate Colors

Pkt. 15c; full collection of 10 pkts. for \$1.25

Your choice of the following named varieties:

ADONIS.—Of huge size, light blue.

PRINCE HENRY.—Giant, splendid dark blue.

MADAME PERRETT.—Distinct and beautiful type, edges filled; dark pink and red.

GRAND DUKE MICHEL.—Pure white.

Mlle. IRENE.—New. Tango red.

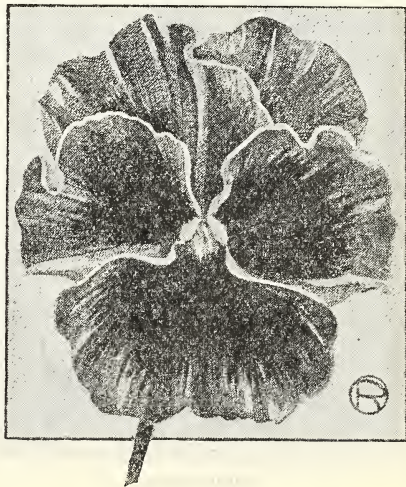
Mlle. ISABELLE.—Ruffled bronze-yellow.

VULCANO.—A rich velvety Burgundy red.

PANAMA PACIFIC.—A huge deep yellow, some pure yellow, others with dark eyes.

MADAME STEELE.—A giant royal purple.

BRONZE MASTODON.—Giant, all shades from bronze to old gold; wonderful colors.



PLANTS.—Large flowering, choice pansy plants, ready very early in the spring. Can be safely sent by mail. Large plants in bud, 75c doz. postpaid.

RICINUS

(Castor Oil Bean)

A magnificent and highly ornamental plant, with picturesque foliage and stately growth combined with brilliant colored fruit of the giant varieties. Grown as single specimens on lawns and on pleasure grounds, they form a striking feature; hardy annuals.

ZANZIBARENSIS, Mixed.—Very ornamental; dark bronzy green and red leaves; 8 to 10 feet high. Pkt. 10c; oz. 35c

SANGUINEUS TRICOLOR.—Blood red stems, deep green leaves, with red veins; 6 feet. Pkt. 10c; oz. 35c

GIBSONI.—New, dark red foliage; 5 feet. Pkt. 10c; oz. 50c

FINEST MIXED.—All kinds. Pkt. 10c; oz. 25c

SCHIZANTHUS

(Butterfly Flower)

Beautiful garden annuals; flowers charmingly fringed and delicately colored; 1 to 2 feet.

GRANDIFLORA MIXED. Pkt. 10c; 1/8-oz. 75c

SALPIGLOSSIS

Produces very showy, trumpet-shaped flowers of large size and rich, gorgeous colors; fine for beds and one of the prettiest cut flowers we have. Of easy culture and very popular; half-hardy annuals. 2 feet.

EXHIBITION MIXTURE.—Large flowering, of the very choicest colors. Pkt. 10c; 1/8-oz. 60c

Strong plants in May. \$1.00 dozen, postpaid
Special shades as follows: **PURPLE** and **GOLD, SCARLET** and **GOLD, VELVETY RED, WHITE, BROWN** and **GOLD, LIGHT BLUE.** Pkt. 15c; 1/8-oz. \$1.00.

PLANTS MIXED COLORS IN MAY, 60c. DOZ., POSTPAID.



Salpiglossis



Salvia Zurich

SALVIA

(Scarlet Sage)

The Scarlet Sage has long been a favorite bedding plant, bearing long spikes of brilliant scarlet flowers in great profusion from July till frost; seed should be sown as early as possible, either indoors or in a hotbed, and the young plants transferred to their flowering quarters when the weather has become settled and warm. Plants in May 75c doz.

SPLENDENS COMPACTA.—A splendid, showy variety, with large spikes of bright rich scarlet flowers; 3 feet.

Pkt. 10c; 1/8-oz. 50c

AMERICA—NEW.—Of dwarf, bushy, compact growth, very uniform, early and continuous bloomer. Flowers brilliant, rich scarlet. 1 1/2 feet.

Pkt. 15c; 1/8-oz. 75c

BONFIRE.—Of bushy, compact growth. Flowers dark, rich scarlet, on spikes which stand clear of the foliage and attract attention at once; 2 feet.

Pkt. 15c; 1/8-oz. 60c

ZURICH.—A splendid new dwarf, of special merit; early. Brilliant scarlet and very free flowering; 15 to 18 inches. A very popular variety.

Pkt. 15c; 1/8-oz. 75c

SNAPDRAGON

See Antirrhinum. Page 48. Plants, 72.

SMILAX

Tender climbing vine; perennial. Pkt. 10c

SAPONARIA

OCYMOIDES.—Very showy perennial rock plant producing all summer masses of small bright rose flowers. 9 inches. Pkt. 15c

VACCARIA.—Annual, 2 feet, satiny pink. Fine in bouquets. Pkt. 10c

SWEET WILLIAM

Hardy biennial, well known and very popular. The handsome, showy heads of brilliant flowers from June to September are very effective. (Large plants see page 76.)

Dark Crimson, White, Pink Beauty or Mammoth Single Mixed. Pkt. 10c; 1/8-oz. 50c

Double Mixed.—All colors. Pkt. 10c; 1/8-oz. 40c



Scabiosa

SCABIOSA

(Morning Bride—Pin Cushion Flower, Etc.)

The hardy annuals are easily grown from seeds sown after danger of frost is over. Their beautiful, dainty flowers are freely produced on fine long stems from July to frost; 2 feet. For cut flowers they are wonderful, lasting for nearly a week.

HARDY ANNUALS. — Lavender, Rose, Yellow, Scarlet or White or Finest Mixed.

Pkt. 10c; 1/8-oz. 35c

HARDY PERENNIAL VARIETIES. — Caucasica, soft blue, pkt. 15c. Japonica, lavender blue, pkt. 10c.

STOCK

(Gilliflower)

By far one of the most popular annuals for garden or greenhouse culture. They are superb for cutting and are of great value for bouquet work. Flowers are of delicious fragrance, large, mostly double, and borne on handsome spikes; all will flower the first year. They are very hardy and often remain in bloom in the yard all winter in the vicinity of Portland. Sow in February or March for early blooms and in June for fall or winter flowers, and transplant. Plants, 75c doz.

BISMARCK TEN WEEKS.—New. A quick blooming giant flowered stock of special merit, growing about 30 inches tall, of branching habit and produces freely beautiful giant spikes of double flowers. Excellent for cutting or mass bedding. White, Blush, Rose, Yellow, Lavender, Dark Blue, Flery Red and Choicest Mixed.

Pkt. 10c; 1/8-oz. 90c

GIANT PERFECTION.—Large double flowers; fine for cutting and garden. (2 feet.)

Finest Mixed. Pkt. 10c; 1/8-oz. 75c

BEAUTY OF NICE.—Popular with florists for cutting, flowers of large size, double, and freely produced; 2 feet.

Mixed.—All colors. Pkt. 15c

Princess Alice.—Double white. Pkt. 15c

Queen Alexandra.—Soft rosy lilac. Pkt. 15c

Beauty of Nice.—Delicate flesh pink. Pkt. 15c

SHAMROCK

TRUE IRISH.

Pkt. 25c

STATICE

Splendid hardy perennials, either for the border or rockery, producing all summer cloud-like panicles of minute flowers, which can be dried and used for winter bouquets. 2 feet. The new and improved varieties are very desirable and pleasing.

LATIFLORA.—(Perennial.) Deep blue. Pkt. 10c

SINUATA.—Annual Statice, in blue, rose or white. Pkt. 10c

TRITOMA

(Red Hot Poker)

Striking and exceedingly ornamental autumn flowering plant. Showy flower spikes, shaded red and yellow; 3 feet. (See cut and plants, page 85.) Pkt. 10c; 1/8-oz. 50c

THALICTRUM

Meadow Rice

These stately flowering plants should be more extensively planted on account of the beautiful, finely cut foliage and lovely flowers, one of the handsomest perennials in the entire list. Will do well in shady places.

DIPTEROCARPUM.—Buds resemble pearls opening into lovely lavender flowers with conspicuous yellow anthers.

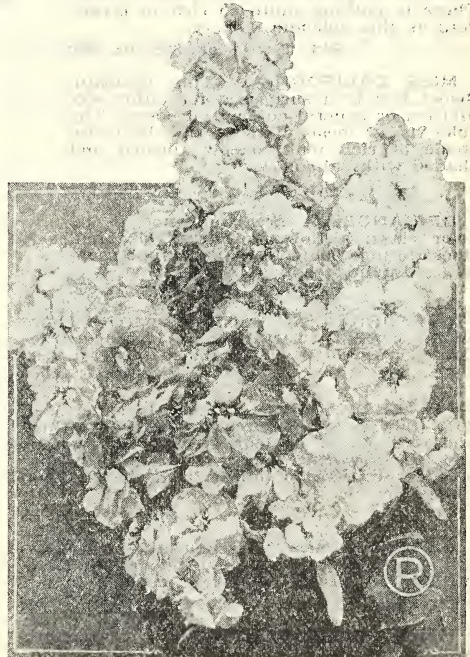
Pkt. 25c; Plants 3 for \$1.00

GLAUSUM.—Fine cut glaucous foliage, bronzy-yellow flowers in June. (2 feet.)

Pkt. 15c

AQUILEGEFLORUM ALBUM. — Elegant foliage and masses of feathery white flowers in June and July. (3 feet.)

Pkt. 15c



Bismarck Stocks.

GLADOLI BULES make a beautiful display when in bloom and are of the easiest culture and really not expensive, as they multiply rapidly. See pages 84, 85 and 86.

SWEET PEAS "Highest Quality" TRUE VARIETIES

NEW GIANT SPENCERS

1928 PRIZE COLLECTION

Collection Price, 12 New, Lovely Kinds
(value \$1.60), SPECIAL, \$1.00, postpaid

MARY PICKFORD.—A beautiful dainty cream pink with just the faintest suffusion of salmon, making a color combination of delightful beauty. Flowers large, decidedly waved on long stems. A novelty of real merit.

Pkt. 15c; ½ oz. 40c; oz. 75c

HEAVENLY BLUE.—This is a charming shade of bright sky-blue. The flowers are large and of finest form and come freely on long stems. It is bright and harmonious when bunched.

Pkt. 15c; ½ oz. 35c; oz. 60c

EDNA MAY.—It is gigantic in size, exquisite in form and pure in color. By far the best white Sweet Pea today. It is black-seeded, insuring perfect germination. A vigorous grower, very free-flowering and a prize-winner.

Pkt. 15c; ½ oz. 35c; oz. 60c

WIZZARD.—A wonderful variety, a great producer of enormous, waved and frilled flowers that generally come four to the stem. The color is a rich, glowing, deep orange.

Pkt. 15c; ½ oz. 40c; oz. 75c

GLADUS.—New. A true, clear, lilac lavender of giant size and perfect form. There is nothing quite so rich in lavers as this splendid variety.

Pkt. 15c; ½ oz. 35c; oz. 60c

MISS CALIFORNIA.—This beautiful Sweet Pea is unsurpassed for either exhibition or general cutting purposes. The color is a most distinct and beautiful shade of rich pink, deeply flushed and shaded with salmon.

Pkt. 15c; ½ oz. 35c; oz. 60c

DEFIANCE.—A great advance in its color class; a flower of great size and finest form. The color is an orange scarlet, a dazzling brilliant shade.

Pkt. 15c; ½ oz. 35c; oz. 60c

DAFFODIL.—At last a deep, rich, pure cream colored sweet pea of vigorous free-flowering qualities. Fine frilled flowers; very charming.

Pkt. 15c; oz. 50c

POWERSCOURT.—A pure lavender self with flowers of mammoth size, yet refined and well placed on long stems. Of vigorous and free-flowering habit. The one best pure lavender. Award of Merit from the National Sweet Pea Society of Great Britain.

Pkt. 10c; oz. 50c

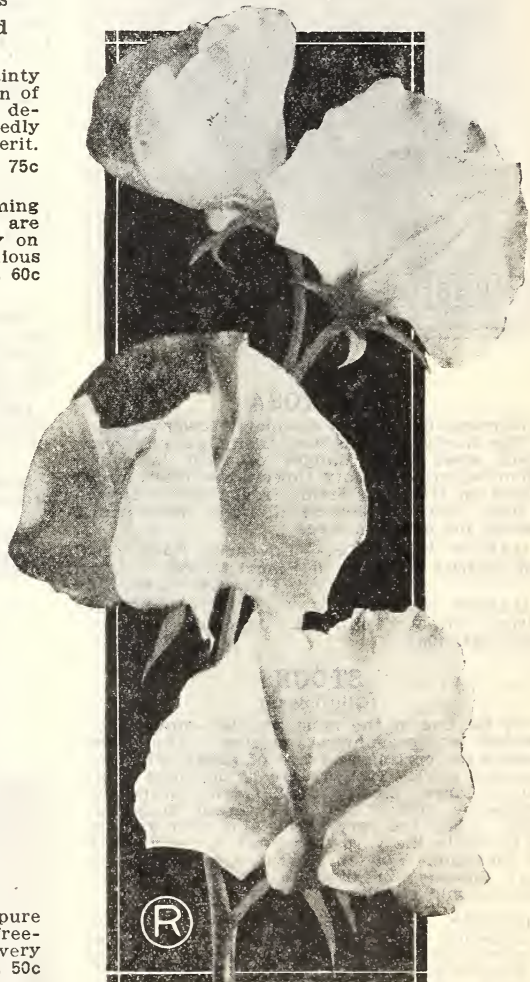
CHARITY.—New. A remarkable new crimson of great richness and substance. Wonderful flowers, freely produced on long stems. Unsurpassed.

Pkt. 10c; oz. 50c

HALMARK SCARLET.—This will please all who admire bright scarlet sweet peas. Flowers large, of perfect form and freely produced on long stems.

Pkt. 10c; oz. 50c

Inoculate Sweet Pea Seed with HUMOGERM. See page 39.



HEBE.—This is a magnificent bright rose-pink. The standard is of enormous size and frequently measures 2½ inches across. The whole flower is of excellent form, much waved and frilled.

Pkt. 10c; ½ oz. 30c; oz. 50c

Longview, Wash., Jan. 21, 1927.

Routledge Seed & Floral Co.
City.

Gentlemen: I was a prize winner last year for Sweet Peas at Rainier, Oregon. Also for Delphinium at Longview, so hope to do the same this year.

Yours truly,

L. GILCHRIST.

QUALITY and TRUENESS is what makes the price in Sweet Peas. Low prices never bought "HIGHEST QUALITY" Seeds. Read about "Snarol"—page 103.

Six 1928 Novelty Sweet Peas

Offered this year for the first time. All are free-flowering sturdy growers that will bring sunshine and happiness to sweet pea lovers. **SPECIAL.**—One pkt. each of the full collection of six for \$1.20.

PINKIE.—A vigorous grower, continuous bloomer; long stems; giant flowers nicely waved and of a new, distinct and charming deep pink. Pkts. only, 25c

SUNKIST.—Large bold flowers, beautifully placed on long stems. At last a real good picotee edged, rich cream. Picotee edging is clearly defined. Pkts. only, 25c

HERO.—Flowers large, nicely waved on long stems, and of a new shade, cerise, brilliant and clear with a suffusion of rich salmon. Pkts. only, 25c

PRINCE OF ORANGE.—A rich, brilliant, deep orange, unsurpassed to date. When well grown and shaded it is a startling luminous

flame color. Flowers large and of perfect form. Pkts. only, 25c

SNOWBALL.—A wonder in its class. Vigorous grower, long stems, beautifully frilled flowers of pure white, abundance of perfume; lasting qualities put this new novelty at the head of all white sweet peas. Stands out like a snow-capped mountain. Pkt. 25c; oz. \$1.00

DEL MONTE (1927 Novelty).—A rich salmon cerise pink; large and bold wavy fluted petals. Does not sunburn. Under artificial light it is unsurpassed. Vigorous grower producing uniformly 4 giant, magnificent blooms to a stem. Won Award of Merit at Glasgow, Scotland, last July. Pkt. 20c; oz. 75c

Superb 1928 Collection Sweet Peas

SPECIAL.—One packet each of the following seven choice kinds—**VALUE 75c, for 50c.** Add 15c extra (total 65c), and we will include a 25c packet of **R. R.'s Superb Mixture Giant Spencers** (described below):

CONSTANCE HINTON.—Giant white of fine form. Hardy. Pkt. 10c; oz. 40c

MARGARET ATLEE.—Rich cream pink, beautifully frilled. Pkt. 10c; oz. 40c

HALMARK LAVENDER.—Beautiful, pale lavender, large flower. Pkt. 15c; oz. 40c

HALMARK PINK.—A rich pure pink of fine form. Pkt. 10c; oz. 40c

BARBARA.—Very popular. Beautiful rich orange. Pkt. 10c; oz. 40c

KING EDWARD SPENCER.—The most popular deep scarlet. Pkt. 10c; oz. 40c

ROYAL PURPLE.—A true rich purple of large size. Pkt. 10c; oz. 40c

R. R.'s Superb Mixture of Giant Spencer Sweet Peas

This is our own special mixture and is composed only of the best giant orchid-flowering wavy Spencer varieties. For healthy, robust growth, wealth of blooms, size of flowers and exquisite and rare colorings, this mixture is unequalled. 1/2-oz. pkts. 15c; oz. pkts. 25c each; 3 for 60c; 6 for \$1.00.

CUPID SWEET PEAS

Compact dwarf plants, seldom growing over 4 to 6 inches high. Flowers of good size and at the top of short, stiff stems. Your choice, named, pkt. 15c; oz. 50c.

LITTLE NELL.—Pink wings, white standard. Very early.

ROSEBUD.—Vines not over 4 inches high; lovely creamy apricot-pink.

MIDSHIPMITE.—Spreading, often 18 inches. Flowers white, suffused and edged violet-blue.

CUPID MIXED.—Pkt. 10c; oz. 25c; 1/4-lb. 75c

EARLY OR WINTER FLOWERING SPENCER SWEET PEAS

This new class of Sweet Peas is the best for the florist to force under glass or for extra early flowers outside. They grow and flower earlier than the Giant Late Spencer. Excellent for sections where the season is late and short or very hot and dry. Plant early.

PRICES.—YOUR CHOICE, EXCEPT WHERE OTHERWISE PRICED, PKT. 15c, 2 FOR 25c; OZ. 50c.

Early Liberty.—Large, bright crimson.

Early Sweet Lavender.—A new pure lavender, giant flowers of beautiful form. Pkt. 25c; oz. \$1.00

Early Morning Star.—Orange-scarlet; extra.

Early Peace.—Rose-pink on cream.

Early Snowflake.—Grand, pure white.

Early Torch.—A lovely orange shade.

Early Spring Mald.—Light pink.

Early Aviator.—Dazzling crimson-scarlet

Early Pink Cherokee.—Of unsurpassed beauty and form. A lovely rich pink suffused with bright salmon. Pkt. 25c; oz. 75c

EARLY SUNRISE MIXTURE.—A very select mixture of early varieties. Pkt. 10c; oz. 40c

Treat your Sweet Peas with "Semisan" before planting and note increased vigor of the plants—see page 36.

THUNBERGIA

Extremely pretty yellow flowers with dark eye; rapid-growing annual trailers; used largely for vases, window boxes, etc.; will flower all summer till frost; 5 feet.

Finest Mixed. Pkt. 10c; ¼-oz. 75c

VERBENA

One of the finest bedding plants and also suitable for borders, baskets and window boxes; its heads of brilliant-colored flowers produce one mass of bloom throughout the summer. Plants in May, 75c doz. postpaid.

NEW GIANT.—The most beautiful and remarkable variety yet introduced.

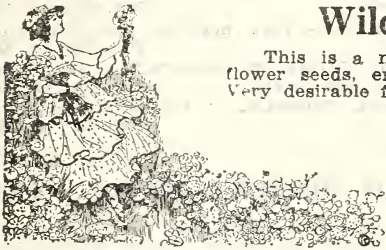
Hybrida Giant Mixed. Pkt. 15c; ½-oz. 40c

LUCIFER.—A new mammoth variety of dwarf spreading nature, flowers of the bright, vivid, cardinal scarlet, throughout.

Pkt. 15c; ½ oz. 60c

MAMMOTH.—A carefully selected and improved strain. The trusses and individual flowers are of the largest size, of brilliant colors; free-blooming and of vigorous habit. Mammoth White, Scarlet, Rose-Pink, Purple shades or Mixed. Pkt. 10c; ¼-oz. 50c

FINE MIXED.—A choice mixture of large-flowering sorts. Large pkt. 10c; ¼ oz. 40c

**Wild Flower Garden — Mixture**

This is a mixture of easy growing, hardy annual and perennial flower seeds, embracing a wide range of different kinds and colors. Very desirable for sowing broadcast along walks, shrubbery, pathways, roadways or in the garden. With little or no care they will produce a bright effect and furnish an abundance of flowers for cutting. If you wish to get the largest returns plant in a prepared bed and when the plants are a few inches high, transplant here and there or wherever wanted. You will derive a great amount of pleasure from watching the development of the flowers from the unknown plants. Prices—Well filled pkts. 10c; oz. 35c

VALERIANA

(Garden Heliotrope)

A fine old-fashioned hardy plant; flowers have a strong heliotrope odor; showy, red or white; fine for bouquets; 2 feet.

Mixed. Pkt. 10c; ½-oz. 25c

VIOLAS

Tufted Pansies

These resemble pansies in shape and form. Flowers are smaller, clear and distinct, with longer stems and flower freely from early spring until snow flies. Seeded in April will flower in June. Pkt. 15c

VIOLET

Viola Odorata is the well-known English Violet, a free-flowering, hardy perennial; easily grown from seed, though somewhat slow in germinating; succeeds best in partially shaded moist places.

ODORATA.—Blue or White. Pkt. 25c

WALLFLOWER

Very highly prized, old-fashioned plants, beautiful, fragrant, early spring flowers; half-hardy perennial varieties; 1½ feet. Plants, 76.

Single Yellow, Dark Red or Finest Mixed. Pkt. 10c; ¼-oz. 25c

Double, Finest Mixed.—Fragrant; 3 feet. Pkt. 15c; ½-oz. \$1.00

WILD CUCUMBER

(See Echinocystis, page 55.)

ZINNIA

The most popular flower of the day, easily grown from seed planted outside early in the spring.

Improved Dwarf Zinnia

Elegans Pumila.—This improved strain of double, dwarf Zinnia is wonderfully adapted to beds or borders. The plants are of compact rounded form and produce from early summer until late fall, a multitude of bright, showy flowers on fine long stems.

Planted 15 inches apart they will make a solid, compact border. The most showy and satisfactory hardy free flowering annual we have for this purpose.

The flowers, on their graceful stems, make lovely bouquets all by themselves or mixed with other flowers. Well grown plants are 14 to 16 inches tall but full and compact from the ground up. Easily grown from seed planted in the early spring, either inside or outside in beds and later transplanted to their permanent place. We offer the most popular colors.

Bright Scarlet, Golden Yellow, Salmon Rose, White or Mixed. Pkt. 10c; ¼-oz. 25c

Elegans Tall Double Mixed

A choice strain of medium-sized, double flowers (3½ feet). Pkt. 10c; ¼-oz. 25c



Dwarf Zinnias

PEAT MOSS.—Use imported Peat Moss in your flower beds. It keeps the soil in excellent condition. See page 38.

Routledge Prize Zinnias

The Zinnia is one of the most brilliant, showy and satisfactory annual flowers. It has long been a general favorite, but with the wonderful new and "late creations" produced by "Zinnia specialists" in the last few years it now is probably the most popular flower of the day.

For mass planting, cut flowers and decorations they are unsurpassed, producing a wonderful display from July until heavy frosts.

NEW DAHLIA FLOWERED

This new, giant, double-flowered Zinnia (see cut) is a wonder in size, shape, new colors, perfection and profusion of flowers. Plants grow sturdy and vigorous, about 3 feet high. Flowers 4 to 6 inches across, full, very deep and of the most wonderful shade. All of the usual colors and many rare, such as salmon, old rose, pink, cerise, strawberry red and autumn tints. We offer a very select strain of seed containing all novelties.

DAHLIA-FLOWERED GOLD MEDAL MIXED

Pkt. 15c; 2 for 25c; 1/8 oz. 50c

Named Dahlia Flowered Zinnias

Six New Novelties in Separate Colors

Your choice of the following: Large pkt. 25c; all 8 colors, \$1.50; 1/2-oz. any kind, \$1.00.

EXQUISITE.—A charming true dahlia-flowered type of light rose, shaded deep rose at center.

CRIMSON MONARCH.—Largest and best of the red shades, plants vigorous.

BUTTERCUP.—An immense deep canary yellow. A desirable color for every collection.

METEOR.—A rich, glowing, deep red, darkest of all red shades. Very large.

DREAM.—A fine deep lavender turning to mallow purple. A new and desirable shade.

ORIOLE.—A very popular color, orange and gold; a bicolor, changing slightly as it ages but very charming at all times.

SCARLET FLAME.—A large, beautiful bright scarlet, very showy.

PURPLE PRINCE.—A fine purple (Rhodanthé Purple), large and well formed.

GIANT MAMMOTH "NOVELTIES"

These wonderful new novelties, a cross between the Dahlia and Double Giant, show smaller centers and more loosely placed petals, while the size of the flower is immense, larger than the Double Giants. The handsome flowers are decidedly imbricated and the flower, from bud to full bloom, presents a very graceful and pleasing appearance. (3 feet.)

PRICES: Your choice of the following—Pkt. 20c; collection of 5, 75c; 1/4 oz., any color, 75c.

ORANGE KING.—A striking shade, glowing orange.

LEMON QUEEN.—Of immense size and unique inasmuch as it carries a pleasant odor; light canary on upper side of petals, cerise on lower; the whole blending into a variety of lemon tints delightfully different.

ZINNIA PLANTS.—Well grown plants from our own select seed. **ORDER EARLY** and we'll send in **PROPER SEASON.** Prices, prepaid: Separate colors, 3 for 25c; doz. 75c. Mixed colors, doz. 60c; by mail, 10c doz. extra.



ORANGE QUEEN.—Not as dark as Orange King; distinct from all other shades.

PURITY.—A pure white, without the objectionable "green" tint that has made white zinnias so unpopular in the past.

ROSE QUEEN.—Opens bright rose with deep rosy red center; gradually develops into a warm, deep rose in full bloom; a great favorite—size and form perfect.

GIANT MAMMOTH MIXED.—All colors.

Pkt. 20c; 1/4 oz. 60c

DOUBLE GIANT ZINNIAS

These are the improved giant flowering type and are in every way superior to the common kinds. Flowers are borne on long, stiff stems and are of a semi-globular form, very full and double. Excellent for cutting. Plants grow 2 1/2 to 3 feet high and produce very freely handsome flowers, many measuring from 4 to 5 inches across and all of lovely rich and rare colors. Cultivation, "Marvel Fertilizer" and plenty of water will increase the number and size of the flowers.

DOUBLE GIANT, SEPARATE COLORS.—

White, crimson, golden yellow, purple shades, salmon shades, light cherry, shrimp pink, lavender, burnt orange, deep rose, ruby red or double giant mixed, all colors, your choice! Pkt. 10c; 6 for 50c; 1/4 oz. 50c.

SUPERB DOUBLE GIANT SPECIAL MIXTURE.—Our own mixture of the finest colors, including other shades than those above and new trial ground varieties, so as to produce a blend of wide range and rare and rich colors. Pkt. 15c; 4 for 50c; 1/4 oz. 60c.

PICOTEE DOUBLE MIXED

Distinct and very effective. The petals are all tipped with a distinct color, different than the body of the flower. Plants 3 feet high.

Pkt. 10c; 1/8 oz. 50c

FLOWERING PLANT COLLECTIONS

On this and the two following pages we offer plant collections grown especially for our out-of-town customers. All orders for these plants are sent direct to the green house where they are gathered, packed and wrapped with special care so they will travel in safety by parcel post. Every plant is carefully labeled. Order any time; we'll send "in season."

1928 Collection — Twelve Grand Single Geraniums

Price 20c each; set of 12 varieties, \$2.00 postpaid



Albion.—Beautiful free flowering white variety, as pure in color as driven snow. Always in bloom.

C. W. Ward.—Rich salmon, shaded to orange. Large trusses on strong stalks. Magnificent zoned foliage.

Eugene Sue.—A rare color; russet orange, yellow and salmon-red.

Emanuel Arene.—Rich, dark, velvety crimson maculated orange-red on upper petals.

Jacquerie.—Rich, vivid crimson; immense trusses. Excellent for bedding. Blooms freely.

Madame Mosnay.—Peculiar shade of carmine lake shaded to violet and white.

Meteor.—A continual bloomer of a brilliant crimson red flower; dwarf, compact habit.

Mildred Rival.—Pure rose-pink, with conspicuous white blotch on two upper petals.

Mrs. A. Blanc.—Silvery salmon shaded peach and apricot. One of the richest colored sorts.

Mrs. E. G. Hill.—Very large trusses; color clear salmon, with a white center; excellent. **Rosamine.**—Old rose, pink, fluted violet and maculated with white. Very distinct.

Tiffin.—Brilliant light scarlet flowers in fine large trusses, produced freely all season.

Beauty Collection Twelve Grand Double Geraniums

Price 20c each; set of 12 varieties, \$2.00 postpaid

Abbie Schaeffer.—Rich deep crimson maroon in fine large trusses, freely produced.

Alphonse Ricard.—Rich, velvety scarlet, extra large and brilliant.

Beaute Poitevine.—Very large semi-double flowers of a brilliant salmon color.

Fleur des Gardine.—Bright orange-scarlet flowers in large numbers. Fine grower and free blooming.

Jean Vlaud.—Soft rose color shaded to white. Immense flowers in large trusses. Magnificent variety.

Madame Landry.—Rich, bright apricot, shaded with orange; very large trusses.

Madame Recamier.—Ivory white flowers in very large trusses. Strong, healthy grower.

Mrs. Lawrence.—Lovely satiny pink, shaded to white; its delicate color is delightful.

Mrs. Vincent.—Delicate rose-pink of beautiful shade. Strong growing and free blooming.

S. A. Nutt.—The best of the rich, dark crimson varieties; very popular.

Scarlet Bedder.—Rich, bright scarlet; fine large trusses, borne in great freedom.

Thos. Meehan.—Rich, purplish rose color, upper petals marked with orange. Rare.

BEAUTY COLLECTION CHOICE FUCHSIAS

This graceful class of plants make especially fine subjects for house culture as well as for planting in the garden. They are almost continuous bloomers and are very easily raised. The single varieties are the most floriferous, while the double sorts bear the larger flowers.

Price 20c each; collection of 6 sorts, \$1.00



Fuchsia

Annie Earle.—Tube and sepals waxy white, corolla single, clear carmine; plant splendid and free blooming.

Purple Gem.—Rich, dark blue corolla, with crimson sepals. A beautiful double variety, seldom out of bloom.

Phenomenal.—Flowers very large, corolla plum color, tube and sepals crimson; one of the finest double varieties.

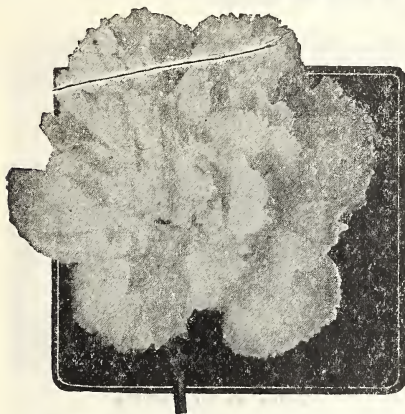
Little Beauty.—A dwarf growing double variety, producing with great freedom small flowers of great beauty. Purple corolla with scarlet sepals. A little gem.

Mrs. E. G. Hill.—Superb double white variety; tube and sepals bright scarlet; corolla large, double and waxy white.

Speciosa.—A winter-blooming variety of large size; tube and sepals bluish, corolla bright crimson.

CARNATION PLANTS

For beauty, fragrance and abundance of flowers, for its hardiness, easy culture and adaptability to outdoor or indoor cultivation, no plant excels the ever-blooming Carnation.



Wonder Collection Carnations

Price 20c each; 10 for \$1.75, postpaid

We have selected the varieties in this collection with much pride to ourselves, believing that we are giving to our patrons a set of Carnations which for general planting cannot be excelled. All have flowers of large size, strong and healthy growth and very free-blooming qualities.

- Alice.**—Delicate flesh pink; very sweet.
- Aviator.**—Rich, bright scarlet.
- Belle Washburn.**—Deep brilliant scarlet.
- Bonora.**—White, flaked with scarlet.
- Enchantress.**—A superb flesh pink.
- Matchless.**—Pure white flushed pearl.
- Mrs. C. W. Ward.**—Bright, glistening pink.
- Pocahontas.**—Crimson maroon.
- White Enchantress.**—A beautiful white.
- White Wonder.**—Glistening pure white.

1928 COLLECTION GIANT JAPANESE CHRYSANTHEMUMS

Price 20c each; sets of 12 sorts, \$2.00 postpaid

Betsy Ross.—Globe-shaped blooms of grand size and texture. Pure glistening white without the least shading.

Bronze Queen.—Rich golden bronze. Fine incurved blooms freely produced. Splendid garden variety.

Chrysolora.—In our field trials during the past season this variety stood out pre-eminently as the finest yellow in the collection. Large, incurved flowers of elegant form.

Chieftain.—A beautiful broad-petaled, incurving flowers, delicate silvery pink. Popular for cutting.

Citronelle.—Beautifully incurved flowers of fine size. Rich lemon yellow, sometimes flushed with bronze.

Early Frost.—Pure snowy white flowers of incurved form with outer petals reflexed. One of the best white varieties.

Golden Glory.—Large incurved flowers of a rich golden yellow color. One of the finest of its color.

Nettle Parker.—Rich amaranth pink with silvery suffusions. Large incurved flowers on fine stems. Very distinct color.

Oconto.—Rank in growth, free in bloom, flowering in early October, this fine pure white variety is most popular.

October Rose.—Soft rose pink, flowers of fine size and splendid form. Strong grower and very hardy.

White Chieftain.—Compact incurved flowers of elegant form and nice size; pure white tinged with pearl. A popular cut flower sort with florists.

W. H. Waite.—Deep bronze, shaded with gold. Of finest incurved form and splendid size. Grown extensively for cutting.

GLORY COLLECTION NEW ENGLISH GARDEN CHRYSANTHEMUMS

To those persons who have planted the late flowering sorts and failed to get them into bloom before frost, these new imported sorts will appeal. All will flower readily in the garden during September and October. Flowers smaller than above, but prettier for bouquets.

Price 20c each; full collection of 12 sorts, \$2.00 postpaid.

Camille Bernadine.—Large, fluffy flowers of violet and carmine color, shaded with white.

Chaldron.—Ruby red, flushed with chamois and gold. Early and free.

Champagne.—Rich red, tipped with gold. Dwarf growing and very free.

Cranford White.—Snowy white flowers of beautiful form. Nice dwarf grower and free blooming.

Glory of Seven Oaks.—Deep golden yellow, very free flowering. Excellent dwarf habit.

Groacher's Crimson.—Large, handsome flowers of a rich shade of crimson. Blooms very early.

Henry Vincent.—Rose-pink flushed with silver. Very free.

Le Pactole.—Rich, bright yellow. Blooms in great profusion. One of the best of its class.

Mignon.—Rosy pink, shaded silvery. Strong, vigorous grower and very free.

Queen of Whites.—Showy white flowers cover the plant early in the fall. A gem in the garden.

Source de Or.—Tawny red flushed with bronze and chamois. Narrow tubular petals almost like a cactus dahlia.

Wolverine.—Golden yellow flowers. Dwarf and sturdy growing. Makes a nice pot plant for the window.

BEAUTIFUL FLOWERING BEGONIAS

Probably the most satisfactory class of plants for house culture obtainable. Of easiest possible culture. The waxy flowers produced in much profusion, together with their handsome foliage, make them most desirable subjects for the window garden.

Price 20c each; full collection of 6 for \$1.00, postpaid

Bertha Chaterocher.—Covered all the year with bright scarlet flowers; handsome green foliage. A fine house plant.

Alba Picta.—Pretty ovate shining green foliage; myriads of pure white flowers; bushy growth. Fine pot plant.

Foliosa.—The freest-flowering Begonia we have; makes a handsome window plant; bright flowers, glossy green foliage.

Gloire de Chatelaine.—Glossy green ovate leaves, flowers pink, heavily bordered with rose pink. A grand new variety from France.

Marguerite.—Foliage bronzy green, with purple cast on under side. Large, pure white flowers in good size panicles.

Sandersoni.—Coral pink flowers in large clusters with deep sea-green foliage of waxy texture. Splendid window plant.

REX BEGONIAS.—See page 78.



Gloire de Chatelaine

NEW ENGLISH SNAPDRAGON

Anthrinnum.—These new varieties grow about 1½ feet high and flower continuously all summer. The flowers are closely set in large spikes and cover a wide range of color. Snapdragons are one of the very best bedding plants and are very popular at present. They can be planted annually like geraniums but are hardy west of the Cascades and will thrive the second year outside.

Price, 15c Each; \$1.50 per dozen; \$10.00 per 100.

Full Collection, 1 each, 6 kinds, 75c postpaid

Enchantress.—Exquisite almond blossom pink. Very large, closely set on fine strong stalks. Early and very free blooming.

Flame.—Brilliant orange scarlet flowers in fine, strong spikes blooming with great freedom. A blaze of color.

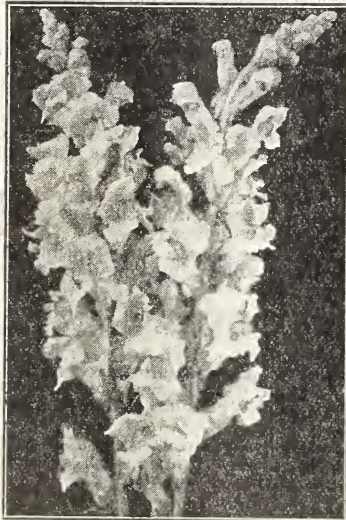
Golden Queen.—Rich golden yellow flowers of fine size on heavy close set spikes. Very striking bedding variety.

Prima Donna.—Rich terra cotta shaded with pink and having a golden yellow throat. Strong grower, very free flowering.

Matchless.—Large spikes of brilliant apricot color with golden yellow throat. Very effective when massed in groups or borders.

White Queen.—Large spikes of pure white flowers, produced with great freedom. Splendid for borders and beds.

CHOICE MIXED—Grown from the finest mixed seed. Doz. \$1.00, postpaid.



SNAPDRAGON

SINGLE BEDDING PETUNIAS

Petunias are undoubtedly one of the most popular summer flowers of the time. Especially are the new single sorts prime favorites because of their easy growth and free blooming habits.

SINGLE VARIETIES 20c EACH, \$2.00 DOZEN

Elka Pride.—Rich dark purple single flowers in great profusion all summer.

Scarlet Beauty.—Bright scarlet, single-fringed flowers in great profusion.

Pride of Portland.—A beautiful single variety for bedding and window boxes. Large fringed blooms of a soft bright pink shaded to yellow in the center.

TENDER TRAILING AND CLIMBING PLANTS

Lantana Delicatissima.—The Weeping Lantana. Lilac pink flowers all season. Fine basket plant. Each 20c

Vinca Variegata.—This is a beautiful variegated trailing vine, admirably adapted for hanging baskets, vases and window boxes. Leaves are a glossy green, broadly margined a creamy-white. Each 20c; 3 for 50c

Mesembryanthemum Spectabilis.—Quilled shaped, succulent leaves with large single thistle-like cerise pink flowers; fine for baskets, vases or porch boxes as well as a good bedding plant; flowers continuously. Each 20c; 3 for 50c

Smilax.—Well known climber for house culture. Each 20c; 3 for 50c

Tradescantia (Wandering Jew).—Good vase and basket vine. Two sorts, green leaved and pink variegated. Each 20c; 3 for 50c

For Hardy Climbing Vines and Trailers, see page 96.

HARDY PERENNIAL FLOWERING PLANTS

No class of plants enjoy greater popularity at the present time than the Hardy Perennials. They have made rapid strides into public favor the past few years, until now they may be considered to have a prominent and a permanent place in our American gardens. Once planted, they require very little care, increasing in size of plant and profusion of bloom from year to year. Most varieties can be taken up, divided and reset every third year.

LARGE STOCKS—LOW PRICES—We are in a position to supply unlimited quantities at special prices and you will find our plants are strong and well rooted. Our prices must not be compared to many lists, for our plants are all hardy, field grown, worth double the average stock sold. Limited space will not permit us to list all varieties we can supply.

Ask for any special varieties wanted

PRICES.—All prices postpaid—10 times the each price is dozen price
Express, freight and call orders 5c each or 50c doz. less



Artemisia (single stem)

Anemone

JAPANESE—These beautiful Windflowers are one of the most important hardy plants. They begin blooming early in August and continue in full beauty until cut down by hard frost. Excellent for bouquets, lasting for days when cut; 2½ to 3 feet.

Each 30c; collection of 3 kinds 75c

Whirlwind.—Best large pure white, semi-double.

Queen Charlotte.—Lovely flowers, beautiful pink.

Rubra Superba.—Lovely rosy-red; large, free flowering.

Alyssum

Gold Dust (Saxatile Compactum).—Large heads of golden yellow flowers in May and June; silvery foliage; fine for rockeries; 10 to 12 inches.

Aquilegia

The Columbine are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising two feet or more above the beautifully divided foliage, and are highly prized for cutting; June to September.

Very choice. Each 30c; 3 for 75c

Artemisia Lactiflora

Elegantly cut, dark green foliage, with many long-stemmed sprays or panicles of Hawthorn-scented, creamy white Spirea-like flowers. In bud they look like tiny pearl beads. They work in nicely with other cut flowers. August and September. 4 to 6 feet (see cut).

Each 35c; 3 for \$1.00

Asters—Hardy, Fall Flowering

Michaëmas Daisies.—Among the showiest of our late-flowering, hardy plants, giving a wealth of bloom during September and October. They grow freely in any soil. Fine for cutting; 3 to 6 feet. Lavender, White, Rose and Blue.

Each 20c; doz. \$2.25

Ameria

SEA PINK OR THRIFT.—Dwarf plants with 9-in. wiry stems of rosy pink flowers from early until late. Very hardy and useful in the rockery.

Each 25c; doz. \$2.50

Arabis

Rock Cross.—One of the most desirable of the very early spring flowering plants for edging and the rock garden. Forms a dense carpet, completely covered with pure white double flowers; 6 inches.

Bellis Perennis

English Daisy.—Popular early flowering plants. Very pretty for small borders.

Double Red or White, Each 20c; doz. \$2.00

Mammoth.—Extra large flowers in white or pink only.

Each 25c; doz. \$2.50

Coreopsis

Lanceolata Grandiflora.—Popular hardy plants. The flowers are a rich golden yellow, of graceful form and invaluable for cutting; June; 1½ feet.

Each 25c; 3 for 65c

Cantebury Bells

(Campanulas—our Bellflowers)

One of the most popular hardy garden plants on account of the beautiful clusters of long-stemmed, dainty yet large flowers. They are very showy. The "Calycanthema" are only "biennials."

(See cut.)

CALYCANTHEMA (Cup and Saucer Cantebury Bells).—A beautiful form of this favorite flower. (See cut, next page.)

Blue, Rose or White. Each 25c; doz. \$2.50

Chrysanthemums

Hardy Garden Sorts.—We offer four colors: Field-grown plants. Yellow, red, pink or white.

Each 25c; 4 for 85c

FOR NAMED JAPANESE AND ENGLISH SORTS see page 71

Doronicum

One of the most effective and very early spring flowering perennials, growing about 2 feet high, producing a profusion of Marguerite-like golden yellow flowers of much beauty and elegance. It is a splendid flower for cutting.

Each 20c; doz. \$2.00; Large 30c

PRICES.—Ten times the each price will be the dozen price. All prices postpaid.

Delphinium

(Hardy Larkspur)

These are deservedly one of the most popular subjects in the hardy border, bold, attractive and highly prepossessing plants of easiest culture; perfectly hardy; 4 to 6 feet. Fine for cut flowers, June to November; when the first blooms are faded, cut all foliage close to the ground and a second crop will come. (See cut.)

Choice Mixed, all shades.

Each 20c; doz. \$2.00

Gold Medal Hybrids—Unquestionably the finest strain of hybrids from the best named varieties. Very large, two-foot flowers, spikes in beautiful shades of lavender, light and dark blue. Each 25c; doz. \$2.50

Belladonna—A free and continuous bloomer; flowers clear turquoise blue; very beautiful; long flower spikes. Each 25c; doz. \$2.50

Bellamosum—Same as above; rich deep blue. Each 30c; doz. \$2.50

Formosum—Dark blue, white centers: an old favorite; 3 to 4 feet high. Each 25c

GIANT ENGLISH VARIETIES—(See cut page 57.) Choice plants raised from our Prize Winning English Giants, each 50c. Field clumps, large, each \$2.00.



Delphinium (Plant and Flower Spike)

Geum

A showy border plant, growing about 18 inches high and producing all summer and fall brilliant double scarlet flowers in large clusters. This new variety is a fine advance from the older sorts heretofore grown. We consider this the finest red hardy plant.

Mrs. Bradshaw, Double.—Scarlet, or Lady Stratheden, golden. Each 30c; 3 for 75c

Gypsophila

(Baby's Breath)

Fine, delicate foliage. Minute white flowers borne in enormous quantity in open panicles during summer months. Be sure and have a few plants of this for cutting, as it works up beautifully in bouquets of other flowers; 3 to 4 feet.

Paniculata. Each 25c to 35c

Helenium

Hardy perennials, bearing in profusion during summer and fall, beautiful flowers for display or cutting. Each 30c; 4 sorts \$1.00

Autumnale Rubrum—Robust grower, bright terra cotta red flowers; 3 feet.

Autumnale Superbum—Massive spreading heads of deep golden yellow flowers; 5 feet.

Riverton Beauty—Rich lemon-yellow with purplish black cone. August and September; 3 to 4 feet.

Riverton Gem—Old gold changing to wall flower red. August and September; 3 feet.

Heuchera

Sanguinea (Coral Bells)—A compact bushy plant of robust constitution and easy culture, bearing during July and August graceful sprays of coral-red flowers in great profusion. Fine for cutting. Each 25c; doz. \$2.50

Hemerocallis

Day Lily—Three feet; June and July. Flowers clear, full, yellow or orange; very fragrant; fine for cutting.

Flava—Lemon yellow. Each 30c

Fulva—Orange. Each 30c

Hollyhocks

Double or Semi-Double, in separate or mixed colors. Each 25c; doz. \$2.50



Campanula—Calycanthema

Digitalis

(Foxglove)

Old-fashioned, hardy, desirable plants with broad foliage and showy flowers borne on spikes. June and July; 4 to 6 feet.

Mixed colors. Each 25c

Forget-Me-Not

(Myosotis)

Palustris—A variety that is hardly ever out of flower; useful in a shady spot in the border. Each 25c; doz. \$2.50

Gaillardia

(Blanket Flower)

Among the showiest and most effective of perennial plants, blooming continually from early summer on through the season. Grows 2 feet high. Flowers about 3 inches across, dark red in center with rings of crimson and vermilion encircling same on a golden yellow ground.

Grandiflora. Each 25c; 3 for 65c

HARDY PERENNIAL FLOWERING PLANTS—Continued

NOTE.—25c plants are \$2.50 doz.; 30c, \$3.00 doz. See note top page 73.

Hypericum

(St. John's Wort)

Moserianum (Gold Flower)—Of drooping, trailing nature. Fine for rockeries, etc. Free flowering. Rich golden-yellow; beginning in June. Each 25c; clumps 50c to 75c

Iberis

HARDY CANDYTUFT (Sempervirens).—Pure white flowers, March to June; 8 to 12 inches; fine for edging. Each 25c; doz. \$2.50

Lavender

Vera.—The true, sweet fragrant lavender. Flower stems always in demand. Small plants 20c; large plants, 25c to 50c each

Phlox

Among the hardy perennial plants no class is of more importance than the Phlox, succeeding in almost any soil and position, and flowering through a long season. Excellent for cutting and decorating or for mass effects.

Prize Collection Phlox Plants

Your choice, select plants, each 25c; doz. \$2.50.

- Athis.—Light salmon, violet eye; tall.
 Antonin Mercie.—Light lavender, dwarf.
 Baron Von Dedem.—Deep pink, suffused orange.
 Beacon.—Brilliant cherry-red, showy flower.
 Diadem.—A stately pure white. Wonderful.
 Eclairer.—Brilliant rose magenta. Tall.
 Gollath.—Bright cerise with a darker eye.
 Hondu.—A lovely soft pink white halo.
 Helen Lockwood.—Extra large trusses on tall stems. Color bright crimson.
 Mille Von Hoboken.—Rose-pink shaded with salmon; deep eye.
 Miss Lingard.—Waxy white, large blooms.
 Selma.—Delicate light pink, beautiful.

Superb Collection Phlox

- New, rare; magnificent flowers. Your choice, 30c each, \$3.00 doz.
 B. Comta.—Rich Burgandy red with a satiny sheen; beautiful and distinct.
 Deutschland.—Brilliant dark orange scarlet; very large trusses.
 Evelyn.—Lovely soft pink; large flowers of perfect form.
 Lavender Queen.—Large spikes of dark lavender; an unusual shade, almost sunproof.
 Europa.—One of the finest white phlox with a distinct carmine eye. Large flowers.

Creeping Phlox

- Subulata (Moss Pink).—Early spring, moss-like evergreen foliage. Excellent for rockery. White, lilac or rose-pink. Each 25c

**Hardy Phlox****Poppy**

Nudicaule (Iceland Poppy)—A beautiful class of hardy poppies. Flower stems about a foot in height, bearing elegant cup-shaped flowers, ranging in color from white to scarlet, but most valuable in the yellow and orange shades. Valuable for cut flowers, lasting well when cut.

Mixed All Colors, each 25c; doz. \$2.50

Poppy—Oriental

Fine subjects for massing or planting singly in the hardy garden; 3 feet. They make a wonderful show when in bloom. May and June.
 Gollath.—Large bright scarlet.
 Oriflamme.—Gorgeous orange-scarlet.
 Salmon Queen.—Delicate salmon pink.

Pentstemon

BEARD TONGUE. — For description see flower seeds, page 63. Plants, each 25c

Primroses Primula

English Primrose.—Pretty low growing plants bearing large numbers of beautiful flowers very early in the spring and having the old-fashioned cowslip fragrance so dear to the heart of every Englishman. The flowers are in a wide range of rich colors from golden-yellow to deep crimson maroon.
 Mixed Hybrids.—Each 25c; 3 for 65c
 Vulgaris.—Canary yellow, very early, fragrant. Each 25c

Pyrethrum

Persian Daisy.—One of the most valuable of our early summer flowers; charming shades of color, and wonderful lasting properties as a cut flower; they flower in May and June.
 Hybridum.—Single; mixed. Each 30c; doz. \$3.00

Rudbeckia

(Golden Glow)

Flowers beautiful golden-yellow; very double. Marvelous continuity of bloom from June till late fall; 6 to 8 feet. Small plants 25c; large 35c

PRICES.—All prices postpaid—10 times the each price is dozen price. Express, freight and call orders 25c less in dozen lots.

Saxifraga

Umbrosa (London Pride).—A low-growing, spreading sort, throwing up slender stems a foot high of pretty pink flowers in dainty clusters; small, dark evergreen leaves. A fine border for banks or rockeries. Each 20c; doz. \$2.00

Megasea.—Very hardy, flowers rose-pink; leaves broad, round, deep green; 1 foot. Pretty flowers; very early. Each 25c; doz. \$2.50

Tunica.—Flowers soft pink, blooms all summer. Fine for rockery. Each 25c

Shasta Daisy

Very large daisy-like flowers, often measuring 4 to 5 inches across, having three or more rows of petals of the purest white. Flowers produced in great profusion on long strong stems. Very popular; 2 to 3 feet.

Each, small 20c, \$2.00 doz.; large 25c
Clumps 35c to 50c

Scabiosa

Caucasica.—A choice hardy plant, thriving in any situation and producing fine umbels of beautiful lavender-colored flowers all season through; flowers very lasting, admirably adapted for cut flower purposes; grows 18 inches high. One of the finest perennials.

Each 35c; 3 for \$1.00

Saponaria

SOAP WIRT (*Ocymoides*).—Dwarf, fine leaved, with small bright pink flowers from May to August. 3 inches. Fine for rockery or edging. Each 25c; doz. \$2.50

Stokesia

Cornflower Aster (*Cyana*).—Handsome lavender-blue cornflower-like blossoms which measure from 4 to 5 inches across. Desirable as a single plant or grown in beds 18 to 24 inches high, June to September.

Each 30c

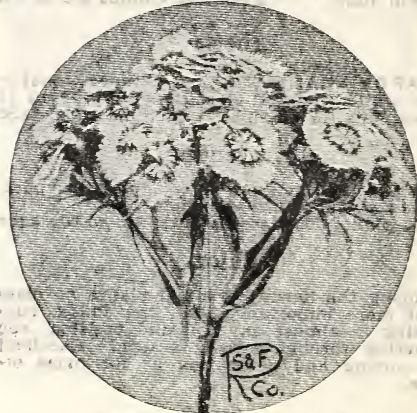


Tritoma

Sweet Williams

Of late years these have been greatly improved in form and habit. They produce a wonderful array of vivid colors in fancy patterns. Flowers in flat clusters, very showy and effective; 18 inches; are at their best during June and July.

English Varieties.—Mixed. Each 25c
Newport Pink.—Rose pink. Each 30c



Sweet William

Thalictrum

MEADOW RUE (*Dipterocapum*).—Fine, fern-like foliage; tall sprays of dainty violet-mauve flowers, brightened by a cluster of yellow stamens. Fine for cutting. 3 feet.

Each 30c; doz. \$3.00

Tritoma

(Flame Flower or Red Hot Poker)

Pflitzeril.—Blooms from August to October with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses (see cut). Each 35c to 50c

Valeriana

Garden Heliotrope.—Desirable plant (3 ft.). Its showy heads of flowers are cut as soon as they fade; it will bloom most all summer.

Coccinea Rubra.—Rose-pink flowers; blooms
Each 25c

Veronica

Rupestris.—A fine rock plant, growing 3 or 4 inches high, thickly matted deep green foliage, hidden in spring under a cloud of bright blue flowers. Each 25c

Viola

Viola Jersey Gem.—New and best in its class. Flowers large, nicely ruffled; continuous bloomer. A real beauty. Violet blue.

Strong plants, each 35c; doz. \$3.50

Violets

California Single.—Large, violet-blue. Each 20c; doz. \$2.00

Double White or Double Blue. 25c; doz. \$2.50

Wall Flower

Double English.—A fine old hardy garden plant seen in every English garden. Grows about 18 inches high and produces early in the spring, rich colored spikes of bloom in various shades of yellow and brownish red.

Yellow, Red, or Crimson. Each 25c
Mixed, all colors. Each 20c; doz. \$2.00

FOR BEST RESULTS, plant these hardy perennials in the fall or early in the spring before new growth gets too far advanced.

BEAUTIFUL ORNAMENTAL FERNS, PALMS, ETC.

OSTRICH PLUME (See cut)—The fronds of this popular variety are the most delicate and plume-like. They are beautiful, full and fluffy, well-grown plants; are truly magnificent and last well in the house.

Choice plants, 25c to 50c, postpaid
Specimen plants in pots, \$1.25 to \$3.00

BOSTON FERN—One of the most beautiful; of easy culture, sword-like fronds; produced in a bewildering mass, arching, curving and interlacing in every conceivable direction.

Choice plants, 25c to 50c, postpaid
Specimen plants in pots, \$1.00 to \$2.50

ASPARAGUS SPRENGERI (Emerald Feather)—Of drooping or trailing nature, valuable for pots, vases, baskets, etc., covering all with its beautiful sprays of lovely green, feathery foliage; very hardy.

Choice plants, 20c to 35c, postpaid
Specimen plants in pots, 75c to \$1.00

ASPARAGUS PLUMOSUS (Climbing Lace Fern)—Very popular, hardy and easily grown. Very satisfactory for window and house culture. Extremely graceful; bright green, feathery foliage, as fine as the finest silk or lace.

Choice plants, 20c to 35c, postpaid
Specimen plants in pots, 50c to \$1.25

KENTIA PALM

A beautiful, graceful, handsome looking, strong growing palm. One of the most popular for home culture. If we could have but one palm, it would be a Kentia. Not mailable. Choice plants in pots, 18 in. to 24 in., \$2.50-\$3.00. Specimen plants, \$5.00 to \$15.00.



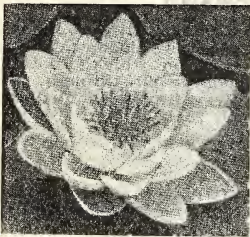
Ostrich Plume In a Fancy Jardiniere
(Specimen Plants By Express Only)

RUBBER PLANT

Very popular and easily grown. Its glossy, thick, dark-green leaves are not affected by dust or gas. Choice plants in pots (not mailable), 15 to 18 in., \$1.50; 2 foot up, \$2.00 to \$5.00 and up.

REX BEGONIAS

One of the most ornamental of window plants. Very popular and easily grown. Prices: 35c each; 3 sorts, 75c, postpaid; large plants in pots (not mailable), 75c to \$1.00.



WATER LILIES

We offer a very select list of fine flowering, easily grown varieties, for natural or artificial pools and ponds or for tub culture. The number of beautiful fragrant flowers, produced even in tub culture is surprising. Planting instructions with each order on request. Goldfish in the pools will add interest and also keep the mosquitoes down.

ALL SHIPMENTS BY EXPRESS.—Small bulbs can be mailed if necessary by adding 10% extra.

Order early and we will send at proper planting time for your locality. From April to August.

Marliacea Albide.—Vigorous. Flowers large, of sparkling whiteness, stamens yellow, produces freely throughout the season. Excellent white variety. \$1.25 each.

Tuberosa Richardsonii.—Flowers are cup-shaped, pure white, double and of good size. Distinct and of real merit. \$1.25 each.

Marliacea Rosea.—Flowers large, deep rose color. One of the very best pink hardy water lilies. \$2.00 each.

Rose Arey.—This lily is of exceptional beauty, color and fragrance. Flowers often 8 inches in diameter and are a deep cerise pink. This variety seems to be in bloom all the time. \$3.00 each.

Eugenia De Land.—Deep rose pink, petals long, lanceolate. Flowers borne on the surface of the water. \$2.25 each.

Marliacea Chromatella.—Flowers of charming canary yellow, from 4 to 6 inches in diameter. Flower freely. Of easy quick growth. \$1.50 each.

Pygmaea Helvola.—Beautiful small yellow flowers which float on the surface of the water. Leaves also are small. Flowers freely. Fine for tub culture. \$1.00 each.

Gloriosa.—Magnificent variety with floating flowers from 4 to 6 inches across, of beautiful form and of a deep carmine rose color. Very free in flower, blooming continuously. Excellent for all purposes. \$5.00 each.

James Brydon.—A superb variety, being a free bloomer, with rose crimson flowers 4 to 5 inches in diameter. \$3.00 each.

Sioux.—Beautiful star shaped flowers, opening color, a dull rich bronze yellow, changing to a reddish cast, making it most unique in color of any of the lilies. Blooms continuously. \$2.50 each.

Harlot.—Large flowers of clear yellow, with delicate shading at base of petals. Beautiful. \$3.25 each.

Laydekeri Lilacea.—Flowers of rose lilac, shaded bright carmine, with a spicy fragrance. Three to 5 inches across. Long stems. Very desirable. \$2.00 each.

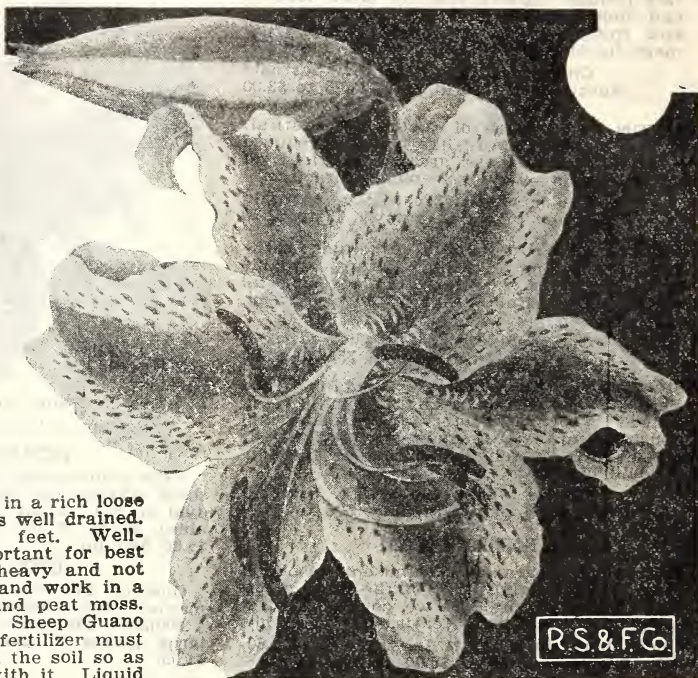
BEAUTIFUL HARDY LILIES

These are the most fragrant, beautiful and stately of all flowers produced from bulbs. We list only the hardy varieties that will give planters much pleasure and happiness. Ideal

locations are in the shrubby or herbaceous border, where the roots are sheltered from the hot sun. Groups of six or more lilies of a kind, here and there, in such situations are most effective. Large isolated clumps or beds of the varieties Auratum, Henryi, Speciosum, Tigrinum, etc., are also very beautiful. They should be planted 6 to 8 inches below the surface in light soils, or 4 to 5 inches below in heavy soils; in the latter case the bulbs should be surrounded by sand to facilitate drainage.

SUCCESS WITH LILIES is not difficult if you give proper attention to the preparation of the soil.

They should be planted in a rich loose loam or sandy soil that is well drained. Lilies do not like wet feet. Well-drained soil is very important for best results. If your soil is heavy and not well drained, dig deeply and work in a liberal amount of sand and peat moss. For fertilizer use H. Q. Sheep Guano with bone meal, but all fertilizer must be thoroughly mixed with the soil so as not to come in contact with it. Liquid fertilizer poured on the ground around the flower stem once a week, about blooming time, will increase the size and beauty of the flowers. Peat Moss (see page 37) is excellent humus to mix in and spread over lily beds.



Lily Auratum

AURATUM (The gold-banded Lily of Japan) Strong, sturdy grower, profuse bloomer. Large open, handsome white flower, thickly dotted with crimson and a gold band through the center of each leaf. Very fragrant. Medium sized bulbs (8-9). Each 25c.

Large bulbs (9-10), each 40c. Mammoth size (11-13), each 60c.

PLATYPHYLLUM—Larger than the Auratum; same type flower; color cream white. Lighter band and white dots. The giant of the lily family. Very handsome and fragrant.

Mammoth bulbs (11-13), each 65c.

SPECIOSUM RUBRUM—White ground, suffused deep rose, dotted with crimson, reflexed petals, free bloomer and hardy. Very popular.

Mammoth bulbs (11-13), each 40c.

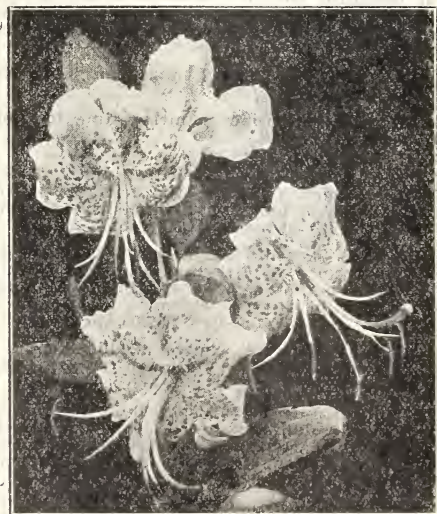
SPECIOSUM MAGNIFICUM—Similar to the above, but of a deeper, richer color, frosted white, dotted and suffused crimson red.

Mammoth bulbs (11-13), each 50c.

SPECIOSUM ALBUM—Beautiful white flowers of great substance with a greenish band in the center of each petal; 3 to 4-foot stems, with 3 to 12 flowers per stem.

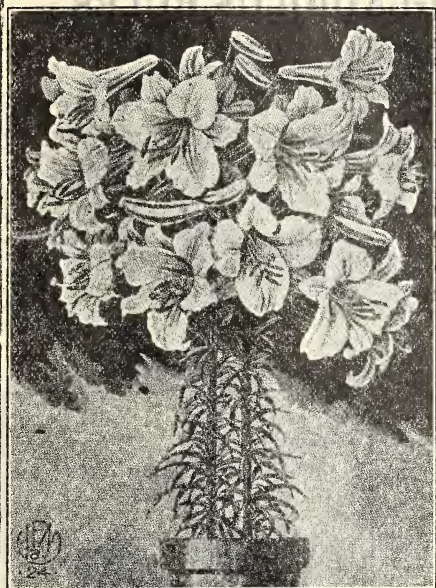
Mammoth bulbs (9-11), each 70c.

HENRYI (The yellow speciosum)—Native of China. One of the best lilies for garden. Rich apricot yellow, free bloomer and sure to grow. Selected bulbs, each 60c.



Lilium Speciosum Rubrum

You will be pleased with our Lily Bulbs. Much larger than most houses offer. You'll get fine flowers the first year from our mammoth size bulbs.



Regal—A Royal Lily

MYRIOPHYLLUM or REGALE—A magnificent new lily from China. Grows 3 to 5 feet high, bearing handsome white fragrant, trumpet-shaped flowers; slightly shaded pink outside and the lower inner surface primrose-yellow. It is a hardy lily and is one of the finest novelties offered in many years. It seems to thrive on any good, well-drained soil. The fragrance is fascinating, somewhat like a "Gardenia". (See cut.)

Medium blooming age, each 40c; large size, each 60c; top size, extra large, 90c.

REGAL LILY SEED. Per pkt. 50c; oz. \$4.00; write for quantity prices.

CANDIDUM (Madonna Lily)—This is the ever-popular, fragrant, snow-white, hardy garden lily. The flowers are produced in clusters, at the top of 4 to 5-foot stems; blooms in the open ground in June. A very hardy and popular trumpet-shaped lily.

Prices: Medium, 35c; large, 40c; jumbo, 50c.

GIGANTEUM (Easter Lily)—Pure pearly white, deliciously fragrant, and remarkably free bloomer. Perfectly hardy and if planted in the garden it blooms in June.

Large bulbs, each, 35c; 3 for \$1.00.

GIANT TIGER LILY (Improved Tigrinum Splendens)—Very hardy and sure to bloom. Large, single flowers, rich orange, freely marked with small black dots. An old and popular lily. Prices, each 20c; large, 25c.

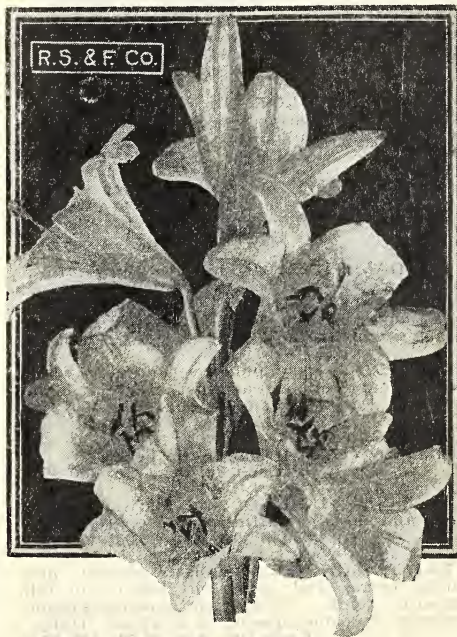
DOUBLE TIGER LILY (Tigrinum Fl. pl.) Handsome double flowers on strong stems, same color as above. Prices, each 35c.



Mt. Hood Lily

MT. HOOD (L. Washingtonianum)—A beautiful lily, native of Oregon; flower of open trumpet form; white, tinted with lavender-pink; grows 3 to 5 feet high; very fragrant; few lilies surpass it. Select farm-grown bulbs.

Medium, 25c; large, 40c; jumbo size, 75c.



Candidum Lily

In making new beds, spade deeply and mix into the soil a liberal amount of natural fertilizer and a little bone meal, also plenty of sand, leaf mold or peat moss (see page 37) if the ground is heavy, for Lilies do best in rich loamy or sandy soil that is well drained.

ROUTLEDGE SUPERB GLADIOLUS BULBS

The most popular and desirable of all garden bulbs. Nothing else that we know of grows and blooms so readily in any soil or climate. With ordinary care and attention they make a display in the garden, unequaled by any other bulbous flower. For prize-winning blooms plant in rich soil, cultivate well and give plenty of water. Can be planted at any time from March to July 4. Plant 2 to 3 inches deep in heavy and 4 to 5 inches deep in light soil, 4 to 6 or 8 inches apart. Use "H. Q." brand Sheep Manure with a little "Marvel Q. A." Fertilizer, worked well into the top soil.

Prize-Winners—Rare, Rich and Wonderful

We offer on this and the following three pages a most carefully selected list of the new and most beautiful sorts at greatly reduced prices. Plant liberally. ALL PRICES POSTPAID.

Stayton, Ore., Jan. 17, 1927.

Routledge Seed & Floral Co.

Gentlemen: I purchased my Gladioli Bulbs of you last year and the flowers were wonderful.

Respectfully,

CORA BARRETT.

ALTON.—La France—pink suffused geranium-pink, strikingly blotched scarlet. A very beautiful variety. Each 10c; doz. \$1.00

ATREUS.—A beautiful shade of rose pink. A strong grower and very, very lovely. Each 15c; doz. \$1.50

AMERICA.—Large flowers of a delicate flesh pink. A free-bloomer and flowers last well. A very popular American variety. Each 5c; doz. 50c; 100 \$3.50

ANNA EBERIUS.—Rich, velvety purple. Very large ruffled flowers, well placed on tall spikes. Each 10c; doz. \$1.00; 100 \$7.00

ARDEN.—An early sort, producing tall, graceful spikes of flowers well placed. An attractive shade of watermelon red. Each 8c; doz. 75c; 100 \$5.00

BARON J. HULOT.—Rich indigo blue. The flowers not as large as some, but very distinct and in demand on account of its rich colors. Each 10c; doz. \$1.00

BLACK HAWK.—A strong grower with splendid spikes of large flowers of amaranth red; one of the finest dark varieties. Each 8c; doz. 75c; 100 \$5.00

BENGAL TIGER.—Handsome, large; flowers of a rich, rosy-red, with unusual markings of a darker shade. The throat is enhanced by a suffusion of golden orange. A rich, rare and pleasing variety. Each 10c; doz. \$1; 100 \$7

CATLEYA.—Rosy pink over creamy white, splashed and edged carmine. A very lovely flower. Each 6c; doz. 60c; 100 \$4.00

CRIMSON GLOW.—Flowers are large, wide open, fiery crimson; one of the best. Each 8c; doz. 75c; 100 \$5.00

E. J. SHAYLOR.—Of real merit. Flowers large and of a beautiful pure deep rose-pink. Each 10c; doz. \$1.00; 100 \$7.00

EARLY SUNRISE.—Vigorous grower, producing large, well expanded flowers on tall, graceful stems. Color, rich glowing salmon, suffused pink and cream. A glorified "Hally." Each 10c; doz. \$1.00; 100 \$7.00

EMPRESS OF INDIA.—Deep, dark red or maroon, with pure white stripe on the two lower petals. Each 8c; doz. 75c; 100 \$5.00

FREE
LEAFLET

How to grow and care for Gladioli bulbs free with each order if asked for.



NEW "GLAD":

Early
Sunrise

Don't Fail
to Plant It.

ETENDARD.—French introduction. Large flowers. Upper petals rich cream, tinted pink. Lower petals marked with a large fiery red blotch, clearly margined bright yellow. An exceedingly rich and striking color combination. Each 20c; doz. \$2.00

EVELYN KIRKLAND.—La France pink overlaid rose doree, throat shell pink. Soft scarlet-red blotches. Each 10c; doz. \$1.00; 100 \$7.00

OUR PRICES ARE VERY LOW, BUT THE SIZE, TRUENESS AND QUALITY OF THE BULBS COULD NOT BE BETTER. WE HARVESTED 400,000 GLADS THIS YEAR.

FLORA.—Clear, golden yellow, large flowers well placed on tall, graceful stems. This yellow sort is unsurpassed in our estimation.

Each 10c; doz. \$1.00; 100 \$7.50

FAY LANPHIRE.—This new California introduction was named after Fay Lanphire, who won the title of "Miss America" in the National Beauty Contest, 1925. This is certainly a charming variety. Flowers very large and handsome, of elegant form and perfectly placed on long, very graceful stems. Color a bright coral lustre, suffused light cerise. Very attractive.

Each 40c; doz. \$4.50

GOLDEN MEASURE.—Immense tall spikes of deep golden yellow flowers. The king of the yellows.

Each 15c; doz. \$1.50

GIANT WHITE.—The largest and most perfect pure white we have ever grown. Strong stems of wonderful flowers.

Each 20c; doz. \$2.00

HALLEY.—Delicate salmon-pink, overlaid with a light rosy tinge, enhanced by pale yellow center.

Each 5c; doz. 50c; 100 \$3.00

HERADA.—A pure mauve-colored variety of rare beauty.

Each 10c; doz. \$1.00; 100 \$7.50

INDEPENDENCE.—Beautiful clear salmon-pink; late.

Each 5c; doz. 50c; 100 \$3.50

JACK LONDON.—A light salmon, nicely marked with brilliant orange flame; golden yellow throat, feathered ruby red. Very beautiful.

Each 10c; doz. \$1.00; 100 \$7.00

LE MARSHAL FOCH.—A delicate cameo pink. Immense flowers and many open at once.

Each 5c; doz. 50c; 100 \$3.50

LOS ANGELES.—(Cut and Come Again)—A wonderful producer of full sized flower spikes that are tall and graceful. Flowers of a beautiful, exquisite clear, bright pink, with deeper pink feathering in the throat. An attractive and outstanding new sort.

Each 40c; doz. \$4.50

LAVENDER PRINCESS.—A new variety of sterling merit. The flowers will last longer in the garden or keep fresh and in good form longer after being cut than any variety we know of. Flowers beautiful and perfectly formed and of a beautiful tint of very light lavender and cerise or a light orchid cast.

Each 50c; doz. \$5.00

MR. W. H. PHIPPS.—Diener's masterpiece. La France-pink, overlaid with light rose-salmon, lighter toward the center. Might be called an iridescent pink. Enormous flowers.

Each 40c; doz. \$4.00

MISS SPOKANE.—A rich shade of orange, slightly deeper in the throat; 6 to 7 open flowers at a time. A beautiful variety.

Each 15c; doz. \$1.50; 100 \$10.00

MRS. FRANK PENDLETON.—Very popular, for it's one of the best. Flowers large flesh pink with a large bright dash of crimson on the two lower petals. Bright and attractive.

Each 5c; doz. 50c; 100 \$3.50

MRS. FRANCIS KING.—A very pleasing and popular variety. Light scarlet or flame color. Large and vigorous.

Each 5c; doz. 50c; 100 \$3.50

MRS. DR. NORTON.—Cameo-pink edging, shading to soft flesh-pink and suffused cream. A delicate and most exquisite color combination. Beautiful flowers on graceful stems.

Each 15c; doz. \$1.50; 100 \$8.00

MRS. LEON DOUGLAS.—New. Handsome, stately variety. Giant, graceful flowers 5 to 6 inches across on tall spikes. Ground color, rich salmon-pink overlaid and beautifully penciled brilliant flame-scarlet; pale lemon throat, slightly specked ruby.

Each 20c; doz. \$2.00

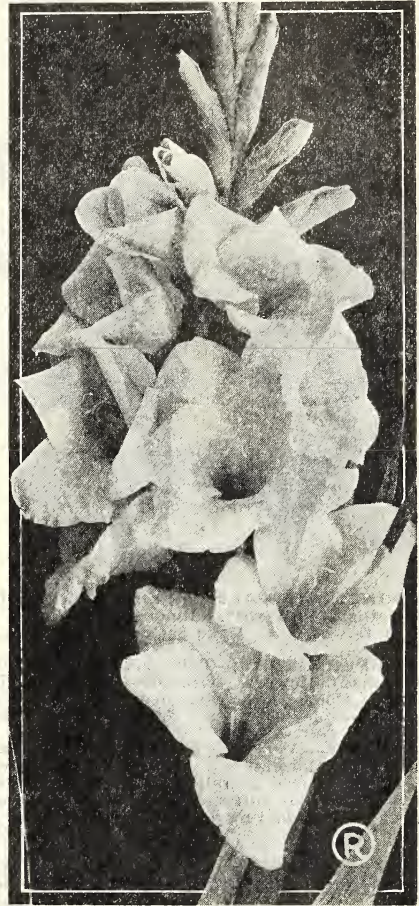
Tacoma, Wash., April 4, 1927.

Routledge Seed & Floral Co.

Dear Sirs: The Purple Glory Gladioli Bulbs arrived promptly, in best of condition. Thank you.

Very truly yours,

HARPER, Florist.



Flora

MRS. H. E. BOTHINS.—Light geranium-pink, heavily ruffled scarlet center. One of Diener's most perfect creations and the loveliest color combination.

Each 15c; doz. \$1.50; 100 \$10.00

ORANGE GLORY.—Brilliant orange color, throat lighter; very rich and striking color. Large, ruffled, beautiful and distinct.

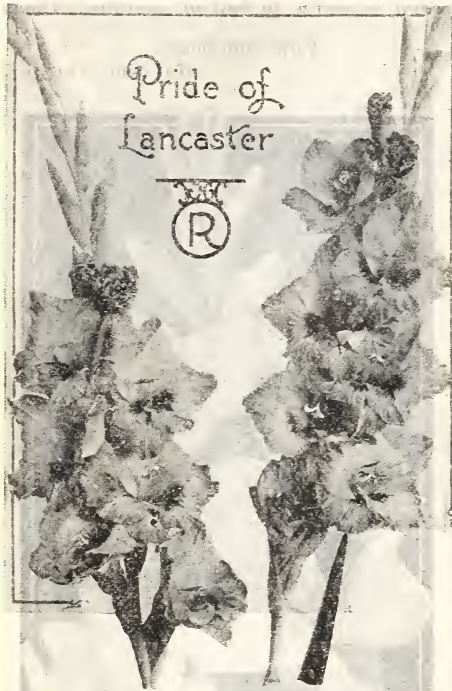
Each 15c; doz. \$1.50; 100 \$10.00

PRIDE OF LANCASTER.—Brilliant orange salmon; rich, fiery, orange throat. Flowers beautifully ruffled on tall, compact spike.

Each 5c; doz. 50c; 100 \$3.50

SPECIAL.—No. 2, No. 3 and No. 4 sizes in Gladioli Bulbs will all flower nicely. If interested in these sizes or in smaller planting stock IN QUANTITY, write for PRICE LIST. Very low prices per 100 or 1000, but we do not sell the small sizes by the dozen.

GLADIOLI — Continued



PRINCE OF WALES.—Free flowering; rich apricot suffused with salmon and orange. A lovely flower. Each 8c; doz. 75c; 100 \$5.00

PURPLE GLORY.—Tall spikes of magnificent giant flowers, with beautifully ruffled petals. Color, a velvety deep, rich maroon, almost purple. Each 20c; doz. \$2.00

PYTHIA.—Very distinct. The immense wide-open flowers are perfect in form and gracefully placed in tall, strong spikes. Color rich bright red, suffused carmine. Extremely showy. Long lasting qualities. Don't fail to plant Pythia. Each 20c; doz. \$2.00

PEACE.—Very popular, extensively planted. Large, white flowers, lilac feathering in the throat. Each 5c; doz. 50c; 100 \$3.50

RICHARD DIENER.—Lively salmon-pink, suffused creamy yellow in the center. The most brilliant, glistening pink to date. The flowers are ruffled and well set. Each 20c; doz. \$2.00

ROSE ASH.—A very distinct and beautiful pastel color—Corinthian red fading to ashes of roses, lower petals suffused yellow and speckled ruby. Each 8c; doz. 75c; 100 \$5.00

ROSE GLORY.—A pure rosy pink, deeper in throat and edges of petals; graceful, beautifully ruffled. Each 15c; doz. \$1.50

SCHWABEN.—Magnificent, large rich yellow. Throat marked with a rich carmine blotch. Eight to 10 wax-like flowers open at a time. Very popular. Each 5c; doz. 50c; 100 \$3.50

SWEET LAVENDER.—A rare, rich color: a combination of light violet and pink, suffused yellow in the throat; garnet blotch. Each 35c; doz. \$3.50

VIOLET GLORY.—Massive flower, rich deep violet; darker in throat. Medium ruffled. Extra good. Each 20c; doz. \$2.00

VIRGINIA.—Rich bright scarlet, shaded crimson to throat. Massive wide florets on strong tall stems. Each 15c; doz. \$1.50

WAR.—Large, glowing crimson flowers that make a gorgeous display. Late flowering. Each 10c; doz. \$1.00; 100 \$7.50

WILBRINK.—Lovely flesh-pink, creamy yellow shadings, immense blooms. Very beautiful. Each 5c; doz. 50c; 100 \$3.50

FREE
LEAFLET

How to grow and care for Gladiolus bulbs free with each order if asked for.



"Pythia"

A great favorite with us.

GLADIOLI BULBS IN MIXTURES

For those who are not so particular as to variety names, yet who want a wide range of the most beautiful shades and colors for mass planting or for cutting, we offer three separate grades.

ROUTLEDGE GOLD MEDAL MIXTURE.—An ideal mixture composed of the best named large flowering sorts grown separately and then mixed in the right proportions to make a magnificent display or for cutting the choicest blooms. No. 1 First Size Bulbs, doz. \$1.00; 100 \$7.50.

SUPERB CHOICE MIXTURE.—A wonderful mixture covering a wide range of colors. Unequaled for the price. No. 1 First Size, doz. 60c; 100 \$4.00. Second Size bulbs, full blooming age, doz. 40c; 100 \$2.50.

PRIMULINUS MIXTURE.—These are often called Butterfly Gladiolus; they are more dainty and perhaps more graceful, as they are not so large. Excellent for cutting. Doz. 50c.

Gladioli Special

The best bargain ever offered in a mixture of choice named varieties in medium size (about 1 inch) bulbs, that will give you nice flowers this summer and produce equal number of first or top size bulbs for the following year. Price, 50 for 90c; 100 for \$1.50 (pospaid).

CHOICE HERBACEOUS PAEONIES

Fine, hardy plants, rivaling the Rose in perfection of bloom, color and fragrance. They are at home in any climate or soil, but thrive best in deep, rich, well-drained loam. They make a gorgeous display. The Paeony is perfectly hardy. Plant in the fall or early spring and do not cover the crown of the roots over 2 or 3 inches.

Our collection of varieties is unsurpassed. Every one is a beauty of sterling merit. We send out strong roots for quick results.

COURONNE D'OR.—Large full globular flowers with imbricated petals, beautifully arranged. Color snow white flushed with golden yellow. Each 75c

DUCHESS DE NEMOURS.—Chaste and beautiful snowy white flowers of exquisite form and good size. Fine upright grower and free blooming. One of the finest. Each 50c

EDULUS SUPERBA.—Beautiful peach pink flowers produced in profusion. One of the earliest to bloom, generally by Decoration Day. Each 50c

FESTIVA MAXIMA.—This is not only the finest white in existence, but in most quarters is regarded as the queen of all the Paeonies; it combines enormous size with wondrous beauty, often 7 to 8 inches in diameter; color, snowy-white, flecked with an occasional clear purple spot on edge of center petals; early mid-season; very fragrant. A glorious flower. Each 75c

FLORAL TREASURE.—Very large and full, clear rose pink shaded with silver. Long, stout stems hold the massive flowers erect. Each 75c

FRANCOIS ORTEGAT.—Deep crimson with shades of amaranth, golden yellow, anthers; fragrant, free blooming and striking variety. Each 75c

GRANDIFLORA RUBRA.—Immense globe-shaped flowers of a rich bright red color. A very fine mid-season variety which attracts attention at once. Each 75c

LADY LENORA BRAMWELL.—A grand mid-season sort with large massive silver pink flowers, borne on stout stems. The most fragrant of all Paeonies. One of the finest sorts extant. Each 75c

LOUIS VAN HOUTTE.—Large deep crimson flowers of globular form with fringed petals. One of the best dark sorts. Each 75c

MESSONIER.—Deep crimson-scarlet flowers of fine size and form. Exceedingly free bloomer and one of the most desirable dark sorts. Each 75c



Paeony Festiva Maxima

NE PLUS ULTRA.—Exquisite peach pink, petals edged pure white. Very handsome flower, produced in great profusion. Each 50c

OFFICINALLIS RUBRA.—Rich crimson flowers, the earliest of all to bloom. The "Piney" of our grandmothers' gardens. Each \$1.00

PRINCE IMPERIAL.—Rich, bright red; large globular flowers on tall footstalks produced in midseason. A splendid dark colored variety. Each 75c

QUEEN VICTORIA.—Very popular, large, full, compact bloom; opens flesh white, changing to pure white, center petals tipped with carmine spots. A grand white Paeony for any purpose. Keep well when cut. Each 60c

RACHEL.—Immense crimson-scarlet flowers of great substance and form. One of the finest red paeonies we have. Each \$1.00

LIBERTY IRIS

(Germanica)

These are among the most desirable and easiest grown of our spring flowering hardy plants, producing in May and June their showy flowers of exquisite coloring, combining the richest and most delicate tints.

Glory Collection

New and distinct varieties of great beauty and handsome, large flowers.

Each 25c; full prize collection (7), \$1.50; per doz. assorted or straight, \$2.50.

LIBERTY—A beautiful, rich deep blue.

LORELEY—Standards yellow, falls purple merging into canary; very gay.

MAORI KING—Standards bright yellow; falls crimson, bordered gold. Handsome, dwarf; late.

PALLIDA DALMATICA—Large flowers of a lovely silvery lavender. Tall; one of the finest.

QUEEN OF MAY—Beautiful sort, almost pink.

RHEIN NIXE—Standards purest white, falls deep violet bordered white; very effective.

SHERMAN WRIGHT—Clear golden yellow; lovely.

LIBERTY IRIS IN MIXTURE—Many fine varieties.
Doz. \$1.50; 100 \$10.00

Three New Iris

AMBASSADEUR—An Iris which surely is most outstanding. The giant flowers on tall stems are of magnificent form and unique coloring. It will command attention in any collection. Standards, lavender suffused with bronze; falls, velvety maroon with a purple cast; beards yellow. Flowers of remarkable substance. Price, each \$1.00; 3 for \$2.75

PALLIDA DALMATICA, FOLII VARIEGATIS
+ This beautiful variety is conspicuous on account of its striking variegated foliage. Every leaf is glaucous green with a broad band of creamy yellow, which makes it attractive and ornamental all year. The flowers in early spring are a true lavender and delightfully fragrant. Price, each 60c; 3 for \$1.50.

MOTHER OF PEARL—A most magnificent Iris. It is impossible to describe its exquisite beauty. Falls and Standards pale bluish lavender and mauve with a faint creamy undertone producing an iridescent pearl-like tint. Each 60c; 3 for \$1.75.



Japan Iris



Pallida Dalmatica
Folii Variegatis

JAPAN IRIS—Kaempferi

These magnificent Iris are among the most beautiful of our summer-flowering plants, and are becoming more popular each season. They commence blooming about the middle of June and continue for five or six weeks. Many of these flowers measure from 10 to 12 inches in diameter; most all are beautifully veined and with contrasting colors, producing effects that are truly marvelous. We have some of the finest varieties obtainable.

Wonder Collection

Eight wonderful large flowering kinds of rare and rich colors. Grown under our own supervision and true to description. Strong roots, each 35c, doz. \$3.50.

Tsutsu (No. 1)—Dark purple flower, good producer, very fine double.

Goko (No. 2)—Very large open flowers of a deep lavender, heavily veined and mottled with purple; a dash of yellow at base of each petal.

Hodai (No. 3)—Enormous spreading flowers with prominent antlers in the center. Color rich purple shading to orchid with dark veins. A lovely color.

Nishiki (No. 4)—A beautiful ruffled flower of grand size. Color a rare shade of rosy pink suffused purple, shading to a white center.

Sumida (No. 6)—Large flower, lavender shaded and veined with white.

Yamato (No. 5)—Large silky white flowers of fine form, with beautifully ruffled petals shaded and distinctly edged with lavender-blue.

Risho-no-tama (No. 11)—A fine free bloomer; a fine rich purple.

Chitojuro (No. 13)—Pure white petals, creamy white center. Antlers slightly suffused delicate pink. Very free flowering.

MIXED JAPAN IRIS—Each 25c; doz. \$2.50.

PEAT MOSS (soil or humus)—We can supply in any quantity. It's NOT A FERTILIZER but improves the soil. See page 37.

LILY OF THE VALLEY

One of the most charming spring flowering plants, producing in profusion its delicate, bell-shaped, delightful, fragrant, white flowers. Valleys thrive in any common soil, and will do well in shady situations, where few other plants will succeed. Highly prized for cutting purposes and exceedingly well adapted for flowering in pots in the winter.

They are perfectly hardy and most charming planted in beds or borders around the lawn, where they can remain, increase and bloom from year to year. Plant 4 to 6 inches apart in rows 12 inches apart and cover about 4 inches.

IMPORTED PIPS, for forcing indoors or planting outside. Note.—First stock arrives in December. 4 for 25c; doz. 75c; 100, \$5.00



MONTBRETIAS

Beautiful—Graceful—Very Floriferous

Quite rare and not generally known. Allied to the Gladioli. Perfectly hardy here, but should be given protection or removed where winters are severe.

They are very beautiful, bright and showy summer-flowering bulbs. Delightful for cutting for vases. Flowers freely produced on tall, slender, graceful sprays. Height 18 to 24 inches. The improved varieties we offer are much larger and a great improvement over the old sorts. Plant 4 to 6 inches apart, cover 1½ to 2 inches. Plant plenty.

We offer five of the finest varieties. Special, 3 bulbs each, 5 sorts (list \$1.35) for \$1.25.

KING EDMUND.—New. A large flower of dark yellow. Each 15c.; dozen \$1.50.

FIRE KING.—Scarlet-red; produces a fine flower spike. Each, 15c; dozen, \$1.50.

GERMANIA.—Very attractive and pretty; red and yellow. Each, 15c; dozen, \$1.50.

CALIFORNIA.—A very fine pure yellow; good flower. Each, 10c; dozen, \$1.00.

TALISMAN.—Flowers a beautiful rich dark scarlet. Each 15c; dozen, \$1.50.

SUPERB MIXED.—12 named kinds mixed. Each, 7c; dozen, 75c.



DICENTRA

(Bleeding Heart)

An old-fashioned favorite; its long racemes of graceful, heart-shaped, pink flowers are always attractive. Perfectly at home in any part of the hardy border, and especially valuable for planting in the shade.

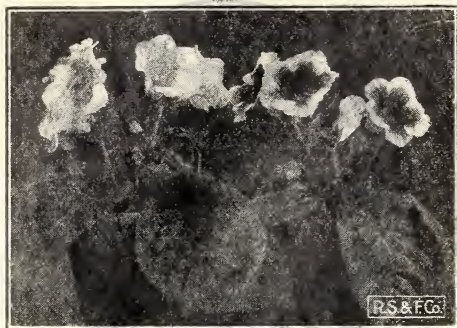
Choice roots, 60c; large, 75c.

NOTE.—Roots in season from October to April, but early planting gives more flowers the first season.



Montbretias

PEAT MOSS (soil or humus)—We can supply in any quantity. It's **NOT A FERTILIZER** but improves the soil. See page 37.



Gloxinias

GLOXINIAS

One of the most charming and effective of summer flowering bulbs for the conservatory or house culture. They produce gorgeous colored flowers in many shades of color, including white, red, purple, blue, etc., etc. The throat of each flower is usually marked with white and bordered likewise (see illustration). They do best in an equal mixture of peat, loam and sand.

Choice bulbs, each 45c; doz. \$4.50

AMARYLLIS

These hardy flowering bulbs are very popular for pot culture and garden. Their giant, lily-like flowers produced on tall stems are exceedingly rich and lasting. For pot culture, 1 bulb to a 6-inch pot. In the garden, plant 1 foot apart and cover top of bulb 2 inches.

NOTE.—Amaryllis first produce leaves which die down and then the flower spike comes up and blooms.

BELLA DONNA.—Beautiful pink, large flowers; hardy, fall bloomer. Each 50c

GIANT HYBRIDS.—Produce superb and gorgeous flowers during spring and summer in shades of pink, scarlet and maroon, marked with white. Best pot variety.

Each 85c; 3 for \$2.25



Single White Tube Roses (from photo)

CALLA LILIES

The Calla is one of the best winter flowering plants for room culture, needing little care beyond abundant water and an occasional washing of the leaves to keep them free from dust. Plant one bulb in a 6-inch pot. As soon as it starts growing bring to the light and heat and the result will be most satisfactory.

YELLOW ELLITIANA.—This new Yellow Calla is of marvelous beauty; flowers are large rich, dark golden yellow; often 4 to 5 inches across the mouth; leaves are beautifully spotted with white. Bulbs in stock from November to May. (See cut.)

Select bulbs, each, 35c; 3 for \$1.00

WHITE CALLA—The most extensively grown; bulbs in season from September to May.

Large Choice Bulbs, 30c
Extra Large, 35c; 3 for \$1.00

NEW GODFREY—Plant is more dwarf in growth; flowers lily white, very graceful and produced in astonishing numbers; come into flower quicker; will also do well in the garden for summer flowers.

Each, 30c; 3 for 75c



Calla Lily

Brooks, Ore., Jan. 25, 1927.

Routledge Seed & Floral Co.

Gentlemen: I was very much pleased with the Calla Lilies which I received from you last Spring. One has a fine large bloom on it and the other two are budding.

Very truly yours,

MRS. N. D. GORON.

TUBE ROSES

(Bulbs in season from March to June)

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. The lovely clusters of sweet, white flowers are borne on long 2-foot stems, making them very desirable as a cut flower. For flowering in the garden (July to October) plant after all danger of frost is past in any good, loose, rich well-drained garden soil.

EARLY SINGLE WHITE.—We have tested out the different varieties and find that the Early Single White tube rose will flower very successfully here. Plant from March to June. Take up after the first frosts and keep in dry, cool cellar until the next spring.

Each 15c; doz. \$1.50



Tuberous Rooted Begonias
TUBEROUS ROOTED BEGONIAS

Excellent for pot culture or planting in lawn beds and borders. They should be grown more extensively than they now are, for they require very little attention and are in flower, outside, from early summer until heavy frosts; inside, potted, they are a constant and prolific bloomer. They will thrive either in mild sunshine or in shade, but when fully exposed to the sun the beds must be well watered in hot weather. Add peat moss to the soil.

CULTURE.—Before planting keep the bulbs in a moist, warm place to start them, so that you can tell which is the top. Plant a foot apart in beds or 1 bulb to a 4-inch pot inside, cover about 1 inch. We offer only first size large bulbs.

DOUBLE FLOWERED.—Separate colors in pink scarlet, orange, yellow. (See illustration.) Each 35c; doz. \$3.00.

GIANT SINGLE FLOWERED in separate colors of pink, scarlet, orange, yellow. Each 25c; doz. \$2.75.

GIANT CRISTATA.—(See illustration.) The most beautiful of all. Flowers with ruffled edges and crested petals. Often called the ruffled double Begonia. Mixed colors only, each 40c; doz. \$4.00.

GIANT CRISPA.—Beautiful large single flowers with fluted and ruffled edges (see cut). Mixed colors only, each 35c; doz. \$3.50.

We Issue Four Special Catalogues

Aside from this catalog, we issue three illustrated descriptive and priced catalogs as follows:

BULB CATALOG.—Of imported and American bulbs for fall planting. Ready Sept. 1st each year.

PET STOCK AND POULTRY SUPPLY CATALOG.—Foods and supplies of all kinds. (December.)

NURSERY CATALOG.—Fruit, Shade and Ornamental Trees; Shrubs, Vines, Spray Plants and Sprayers; also Garden, Orchard and Lawn Supplies.

ANY OR ALL of these Catalogs are free on request if you are interested and expect to buy.

CANNAS

Everyone knows the value and beauty of Cannas for bedding. Their large, massive, tropical-looking leaves and magnificent flowers cannot be equaled in any other plant of such easy culture. Plant outside after danger of frosts is past, 18 inches apart, in rich, deeply dug, well-prepared bed (12 plants required for a 6-foot circular bed).

PRICE.—Your choice following kinds: Each 25c, doz. \$2.50, postpaid. We send growing plants.

- City of Portland.—Flower rich pink, foliage green.
- David Harum.—Orange-scarlet, foliage bronze.
- Duke of Marlboro.—Crimson-scarlet, dark green foliage.
- Egandale.—Currant-red flowers, foliage bronze.
- Firebird.—Brilliant scarlet, large; foliage green.
- Galety.—Rich reddish-orange, edged yellow.
- Gladiator.—Golden yellow, spotted with scarlet.
- Gustave Grumper.—Golden yellow, blotched vermilion.
- King Humbert.—Orange-scarlet, bronzey-green foliage. Best and most popular variety.

- Louisiana.—Vivid scarlet, foliage green.
- Rosa Gigantia.—Rich dark pink, large spikes.
- The President.—Immense crimson flowers, green foliage.
- Wyoming.—Large orange flowers, purple foliage.

NOTE.—Should we run short of any named variety we will substitute another of same quality and appearance unless otherwise ordered.



POTTED PLANTS.—After danger of frost, we have at our store large, potted cannas that will give quick results. By express (not mailable), each 30c; doz. \$3.00.

DAHLIAS

Each variety we offer is selected for perfection of flower, freedom of blooms and long, strong stems that hold the flowers upright. Our list of varieties will please you.

PAEONY FLOWERED

The form and style of this class vary greatly; some have flat, rounded petals; others are pointed and twisted in most fantastic style. All are beautiful and produce a profusion of flowers on long, slender stems; fine for cutting.

ELIZABETH BOSTON

New. Giant blooms of deep crimson shading to old gold at tips. Decidedly one of the largest and best of recent introduction. Each, 51.

PACIFIC SUNSET

New. A giant flower on excellent stems. Ideal shade of soft salmon, suffused apricot. Each, \$2.00.

Black Beauty.—Large, dark maroon, long stems, free flowering; very fine sort. Each 25c.

City of Portland.—Color clear deep yellow; immense flowers. Each, 75c.

Freda Newman.—Bright orange with bronze shading into old gold at the edges. Each, 25c.

Geisha.—Very popular; blending or orange, red and yellow. Each, 50c.

Geo. H. Mastick.—Large full flowers of many wavy petals. Rich maroon changing to deep crimson. Each, 50c.

James Gill.—Giant, rich golden orange color. Fine for cutting; blooms all season. Each, 50c.

Laura Barnes.—Large, very attractive; long stems. Bright red-orange. Each, 35c.

Mrs. Jack Green.—Of immense size; beautiful form; brilliant bright crimson. Each, 35c.

Mrs. Helen Ladd Corbett.—A beautiful soft lavender pink. Large size. Each, 25c.



Collarette Dahlia



Paeony Dahlia Van Dyke

Mrs. Jessie Seal.—A recent introduction. Flowers of largest size; beautiful salmon pink. Each, 75c.

Naiad.—An exquisitely tinted cream-pink. Very beautiful; fine for cutting. Each, 25c.

Oregon Sunset.—Golden yellow; suffused crimson. Each, 35c.

Pacific Glow.—Giant blooms of a beautiful salmon pink. Extra fine. Each, 75c.

Pride of Portland.—Similar to Geisha, but the yellow is brighter, the red richer; flowers are more double and larger. Each, 50c.

Van Dyke.—Very popular. Large artistic flowers of a rich shade of salmon rose, tinted heliotrope. Each, 35c.

COLLARETTE DAHLIAS

Very desirable class, having long stiff stems and very free flowering. Unequaled for continuous garden display and for cut flowers. Flowers single, 3 to 4 inches across and have a collar of small petals of a contrasting color around the center disc.

Choche.—Pure lilac, yellow collar. Each, 25c.

Giant de Lyon.—Large, rich velvety maroon, white collar; fine stems. Each, 50c.

Hoot Mon.—New large rosy carmine, white collar. Each, 35c.

Katchen Von Schwarzat.—Extra large; a vivid carmine-rose, white collar; very fine. Each, 35c.

Scarlet Queen.—Bright scarlet, yellow collar. Each, 35c.

Mrs. Wm. Gallaway.—New; yellow and red, yellow collar. Each, 35c.

DELIVERY.—We generally hold all early orders for Dahlia Bulbs until about March 1. Planting season is from April to July 1. All prices postpaid.

DAHLIAS — Continued

CHOICE NEW CACTUS DAHLIAS

Of the various types of Dahlias those of the well-known Cactus form are undoubtedly the most important and best liked. There is a great diversity in the forms of the various sorts, but in the main they are characterized by the long, narrow pointed petals, twisted and incurving, others straight like the illustration.

In the following list we offer only sorts of special merit, the most perfect in form of flower, profusion of bloom and with upright stems that show the flowers above the foliage, all of which makes them the most desirable for cutting or garden display.

Babe Ruth (H. C.).—Large dazzling pierie yellow. Received certificate of merit A. D. S.
Each 35c

Border King.—Deep rich, glowing scarlet; large flowers, incurved petals.
Each 50c

Chas. Sherbrooke.—A very beautiful and unusual color, rich scarlet, with reverse of petals old gold.
Each 35c

Conquest.—Deep crimson maroon; large flowers with long twisted petals.
Each 35c

Constance.—Large, creamy yellow, suffused rosy pink.
Each 25c

Claremont.—New. (H. C.) An exquisite soft pink, shaded cream.
Each 75c

Esther.—A fine silvery rose; large full flowers. One of the best.
Each 35c

F. W. Fellows.—Very large flowers. Pure orange scarlet. Very fine.
Each 50c

Guardian.—Giant glowing crimson flowers on long stiff stems. Excellent for cut flowers and exhibition.
Each 50c

General Rosie Jones.—A majestic flower of perfect form, beautiful lemon yellow; fine cut flower.
Each 35c

Honesty.—White changing to pink; a fine lasting cut flower.
Each 25c

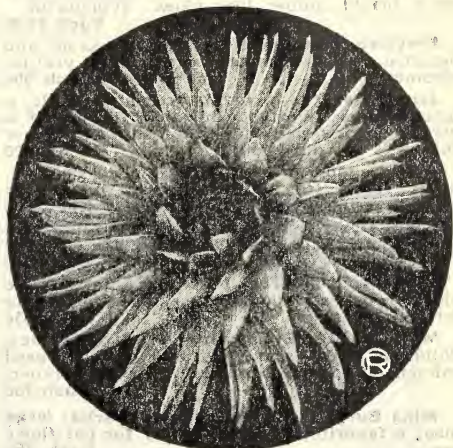
Huffman.—Of large size and exquisite coloring; chamois rose with light center; petals tipped gold.
Each 35c

Kalf.—Wonderfully large and beautiful, of purest scarlet, long and strong stem. Free bloomer. Extra fine.
Each 50c

La Favorite.—(H. C.) New variety. Color a beautiful brilliant salmon, shading from dark reddish-salmon in the center to salmon-pink at the twisted tips; extra long stems. Fine cut flower.
Each 50c

Magnificent.—New. Immense size, flowers often 8 inches across; color a beautiful Oriental buff; overlaid with satiny rose-salmon; fine stem; very free bloomer.
Each 35c

Mrs. Edna Spencer.—Lavender shading to white center, very large flowers of beautiful form on extra fine stems. Fine for cutting.
Each 50c



Cactus Type.

Mrs. Douglas Fleming.—Fine white mirrored petals, constant bloomer, good cut flower.
Each 35c

Mrs. Freeman Thomas.—A beautiful salmon-pink; early and free-flowering.
Each 25c

Phenomenal.—Long narrow twisted petals making the flower look like a huge chrysanthemum. Beautiful shade of pale salmon and yellow.
Each 50c

Prima Donna.—(H. C.) Exquisite, cream flushed with delicate pink. Large and very beautiful.
Each 35c

Record.—Rich orange red, shading to yellow center; very free bloomer.
Each 25c

Rhenscher Frochslein.—Large incurved petals, creamy white tips.
Each 50c

Tustu.—Pretty velvety maroon; very free-blooming. Excellent stems.
Each 25c

Washington City.—(H. C.) Giant star-like flower of purest white, long, showy stems.
Each 35c

Dahlia Specials — Choice Varieties Unnamed

For those that do not care for the names, we offer CACTUS, DECORATIVE and PAEONY Dahlias—in separate colors, at very low prices. These lots are made up of surplus stock and small lots of not sufficient quantities to catalog, but the mixture is of only choice sorts, many new, high priced.

PRICES: Your choice of class and color in CACTUS, PAEONY and DECORATIVE varieties in shades of white, pink, red or yellow and orange, labeled by class and color only, at 20c each, \$2.00 dozen. MIXED, ALL COLORS and varieties, 15c each, \$1.50 dozen.

NOTE.—When planting, remove the label and fasten it to a small stake to mark the location of the bulb and keep the name for later reference.

DECORATIVE DAHLIAS

In this class of Dahlias will be found those sorts which florists and gardeners prize most highly for cut flowers. These Dahlias are characterized by their strong, erect growth and their large, well formed, handsome flowers on strong, stiff stems far above the foliage.

Amun Ray.—Gigantic flowers on erect stem; copper and orange suffused with gold and reddish bronze. A gorgeous shade. Each 75c

Dorothy Wooten.—A beautiful rose-pink; massive blooms are borne gracefully on stems three feet long. Each 35c

ELIZABET WHITE

New. Giant graceful flower. A rich combination of coral pink and salmon; intensified by a bright amber like glow. Wonderful. Each \$3.00

Freckles.—Sunflower yellow, streaked and penciled with crimson; early and profuse bloomer. Each 50c

Jersey Beauty.—A dahlia without a fault; a prize winner. Perfect, immense flowers of a vivid, glowing deep pink; a beautiful flower that will not disappoint you. Each \$1.00

Jack London.—New. Giant blooms on long, stout stems; very free bloomer. Dazzling scarlet deepening in the center. Each 50c

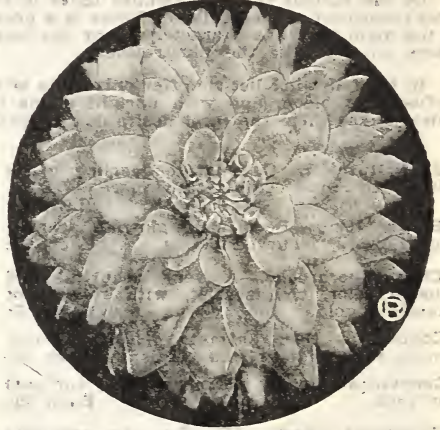
King Albert.—Giant violet purple flowers of the richest shade, carried on rigid stems far above foliage. Each 50c

Marcella Gill.—The best rich pink. Free bloomer on extra long stems. Very perfectly formed. Each 35c

Mrs. Geo. W. Elkins, Jr.—A wonderful new dahlia of great size; color old gold suffused salmon pink; very beautiful. A prize winner. Each 75c

Mina Burgie.—A glowing deep scarlet; large size; a favorite; florist's variety for cut flowers. Each 25c

Osam Shudow.—Giant flowers on erect stems. Lovely old rose lightly suffused lilac and yellow. One of the finest of recent introductions. Each 75c



Decorative Type.

Mrs. Carl Salback.—New. Immense lavender-pink blossoms on exceptionally long, strong stems. Awarded certificate of merit. Each 50c

Pride of California.—A huge crimson red, shading darker to the center; very large blooms, carried on extra long, strong stems. Each 50c

Polar Star.—The purest white; long, narrow-rolled petals; large flowers on extra long stems; very early and free bloomer; one of the best. Each 35c

The Grizzly.—A giant flower; gracefully poised on very long, erect, strong stems; color rich crimson maroon, reflexed petals. Each 50c

SHOW OR QUILLED DAHLIAS

In this section we have the Dahlias of our grandmother's garden, but of improved form and size, with richly colored flowers of rounded form and quilled petals. Excellent for cut flowers. Prices: Your choice 25c each.

Bertha Bernstein.—A beautiful lavender.

Dr. I. B. Perkins.—Pure snow white.

D. M. Moore.—Immense size, rich maroon.

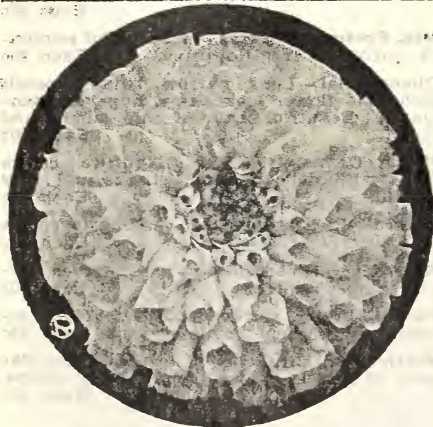
Eise Burgess.—Large white, tipped lavender.

Helen Hollis.—Very large; deep scarlet.

John Tozer.—New. A large rich violet.

Tillamook.—A splendid pink shading to rose.

W. W. Rawson.—White, overlaid with lavender; large flowers.



W. W. Rawson (snow Dahlia).

POMPON DAHLIAS

A compact growing class of Dahlias thriving with ordinary cultivation and producing with great freedom, small perfectly double flowers of neat rounded form, upon long wiry stems. These Dahlias have become very popular with people who buy cut flowers in our store. They lend themselves to any kind of floral decoration and last remarkably well after being cut.

PRICES: Your choice 25c. Full collection, 6 choice colors, \$1.25, postpaid.

Adrienne.—Scarlet, slightly tipped yellow.

Alex.—Light cerise, faintly tipped silver.

Bobby.—Deep plum color; fine.

Darkest of All.—Dark maroon, almost black.

Dew Drop.—White, edged lavender.

Golden Queen.—A beautiful bright yellow.

PLANT DAHLIAS IN AN OPEN, SUNNY LOCATION AS THEY DO NOT FLOWER FREELY IN THE SHADE.

CHOICE OREGON - GROWN ROSE BUSHES

We make a specialty of Rose Bushes and sell thousands upon thousands. Our bushes are strong, healthy, field-grown stock, well rooted, and will produce a profusion of bloom the first season, if given good care and cultivation. We enjoy the reputation of supplying the best stock at reasonable prices. The following list is the choicest of American and European introductions. All Oregon-grown; worth double Eastern or California.

FOR YOUR CONVENIENCE—CLASSIFICATION UNDER COLORS

This year we have arranged our Roses all under their predominating color, which appeals to us as the most convenient way. While the descriptions are necessarily short on account of limited space, you will get class (read abbreviations below), color and main points of merit.

SHIPPING AND DELIVERY

We can fill orders for our large 2-year-old Rose Bushes any time from October to May—around Portland the best planting time is during favorable weather from November to April, the earlier the better.

BY EXPRESS—We ship all 2-year-old Rose Bushes by express, unless otherwise instructed.

IF WANTED BY PARCEL POST.—By request we will wrap, pack and mail Rose Bushes for 10c each, 75c doz., extra. DON'T FORGET THE EXTRA FOR POSTAGE AND PACKING WHEN WANTED BY MAIL.

QUESTION? If we are sold out and unable to supply variety ordered, shall we substitute one of equal value and color correctly labeled or send short and refund?

ABBREVIATIONS

T.—TEA—One of the best classes of Roses and truly ever blooming. They are hardy in this section, although during our coldest weather and in cold sections they should be protected with a covering of fir boughs, straw or burlap.

H. T.—HYBRID TEA—Most of these are as free flowering and as constant bloomers as the teas, and are hardier, stronger growers.

H. P.—HYBRID PERPETUAL—The hardiest of all roses, vigorous in growth, free blooming.

WHITE—CREAM

British Queen (H. T.)—Pure white, large, full flowers, opening freely. One of the best white roses for bedding and cutting. Each 75c

Edel (H. T.)—Regarded as one of the finest white varieties. Flowers immense, of snowy white and great beauty; vigorous grower, fragrant and a free bloomer. Each \$1.00

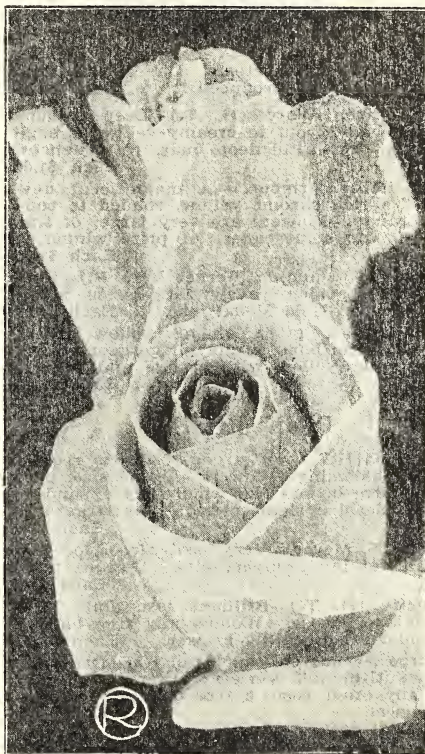
Florence Forester (H. T.)—Clear snow-white, with a lemon tinge. Perfect habit; very sweetly perfumed. Gold medal. Each \$1.00

Frau Karl Druschki (H. P.)—A large, grand, hardy, pure white; best and most popular. Each 60c

Kaiserline Augusta Victoria (H. T.)—A strong, vigorous grower, producing buds and flowers of enormous size; color, pure white. A very popular variety. Each 60c

Mrs. Charles Lamplough—Soft lemon yellow shaded to cream. Enormous flowers of wonderful substance. A splendid new Irish rose. Each \$1.00

White Maman Cochet—Has all the good qualities of Maman Cochet, but pure white, equally large and fragrant, hardy and productive. One of the very best white ever-blooming roses for bedding, flowering all season long and until late in the fall. Each 60c



Florence Forester

Marion, Ind., Aug. 27, 1927.

Routledge Seed & Floral Co.,
Portland, Oregon.

Gentlemen: Enclosed find order and I also want to tell you how pleased I am with the Roses I received from you this spring. They have certainly done splendidly and hope I can get them through the winter.

Respectfully,
MRS. WILKINSON STEVENS,

ROSES — Continued

PLEASE NOTE.—Should we be sold out and unable to obtain the varieties of Roses ordered, others of a similar color and type and CORRECTLY LABELED will be substituted, UNLESS OTHERWISE ORDERED.

YELLOW ROSES

Constance—Buds long and pointed, of a rich orange-yellow streaked with crimson, passing to large, full flowers of bright cadmium-yellow. Each \$1.00

Duchess of Wellington (H. T.)—Intense rich saffron-yellow; very large and of fine form; beautiful in bud as well as open flower. Each \$1.00

Golden Emblem (H. T.)—Golden yellow flowers of finest size and form. Glossy holly-like foliage. Superb new sort from Ireland. Each \$1.00

Golden Ophelia (H. T.)—Rich golden yellow flowers in greatest freedom on stout wiry stems clothed with glossy dark green foliage. Beautifully formed buds. Each \$1.00

Lady Hillingsdon (H. T.)—Deep apricot yellow, long pointed bud. Each 75c

Mabel Morse (H. T.)—Very large rich golden yellow buds on fine stems. One of the finest yellow roses yet produced. Each \$1.50

Mrs. Aaron Ward (H. T.)—Deep golden-orange, shading out to creamy-yellow at edge of petals. Beautiful deep buds. A delightful variety. Each \$1.00

Miss Lolita Armour.—A magnificent new rose of a rich chrome yellow, shaded to coppery orange. Flowers are very large, of finest form, on stout canes. A prize winner. Each \$1.00

Souv. de Claudius Pernet (H. P.)—Very large deep golden yellow flowers on stout, thorny canes. Gold Medal rose. Each \$1.00

Sunburst.—A giant among yellow roses; long, beautiful buds, large full gorgeous flowers cadmium-yellow with orange and copper. Each \$1.00

PINK ROSES

Columbia (H. T.)—Of strong, vigorous growth and free-blooming. Flowers of good size, perfect in form in bud and when fully expanded. A most pleasing shade of rose-pink; fragrant. Each 75c

Cohrad F. Meyer.—Very hardy, free bloomer. A beautiful pure, silvery-pink. Fragrant. Each 75c

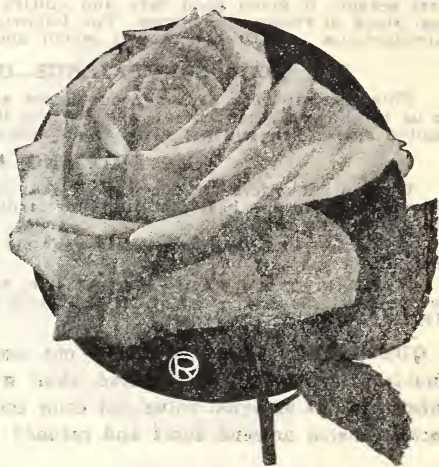
Felicity (H. T.)—Brilliant rose pink, base of petals primrose. Wonderfully free blooming and strong healthy grower. Each \$1.00

George Arends or Pink Frau Kari Druscni—A beautiful pink variety; different in color from any other rose; a free bloomer and one of the best. Each 75c

Imperial Potentate (H. T.)—A new rose of sterling merit. Strong, vigorous, healthy grower. Beautiful buds opening into a well formed, solid and lasting flower of a rich rosy carmine. Sweetly scented. A winner of many prizes. Each \$1.00

Lady Alice Stanley (H. T.)—Beautiful long, pointed buds; large, well-formed flowers, of a delicate flesh-pink, outside of petals deep, coral-rose. A gold medal variety. Each 75c

Los Angeles.—Described by the originator as "a flame pink, toned with coral and shaded gold at base of petals." Buds long pointed and lasting flowers. Each \$1.00



Don't Forget Postage

If rose bushes are ordered sent by parcel post send 10c extra, 75c per dozen, for packing and postage, otherwise we'll send by express, collect.

Lady Ashtown (H. T.)—One of the finest pinks of a rich, deep, silvery tone; flowers large. Each 60c

Mrs. J. C. Ainsworth (H. T.)—A vigorous grower. Large, well-shaped buds and fine, full double, delightfully scented flowers. Color of the buds on first opening are a beautiful peach-blossom pink, the flowers as they develop change to a lovely crimson-pink at the center. Each \$1.00

Mrs. W. C. Eagen (H. T.)—Soft rose pink with silvery shadings with golden yellow base. Finely formed buds and large handsome flower. Each \$1.00

Mrs. Charles Russell.—Strong, rank growth, canes stout and thornless, clothed with handsome dark-green foliage. Flowers very large and massive. Form globular and very full. Remarkable for its fine lasting qualities either on or off the plant. Color bright rich cerise, shaded to scarlet at center. A continuous bloomer all season through. Each 75c

Madame Caroline Testout (H. T.)—Portland's famous brilliant pink rose. Each 60c

Maman Cochet (T.)—One of the finest Tea Roses. Magnificent buds opening into flowers of grand size and build; very lasting and of sweet tea scent. Color deep rosy pink, inner side of petals shaded silvery rose. Each 75c

Mrs. John Laing (H. P.)—Very free flowering, all season. Color soft, delicate pink, with a satiny tinge. Each 60c

Paul Neyron (H. P.)—Deep, shining rose double and handsomely formed; blooms freely, and is unusually strong and vigorous; the largest variety in existence. Each 60c

BE SUCCESSFUL

Prune your rose bushes when planting—don't leave over 8 to 12 inches of top growth. Try it; you'll get better results.

PLEASE NOTE.—Should we be sold out and unable to obtain some certain varieties of Roses ordered, others similar in color and type and CORRECTLY LABELED will be substituted, UNLESS OTHERWISE ORDERED.

Rochester, N. Y.
Routledge Seed & Floral Co.,
Portland, Oregon.

Gentlemen: The Rose Bushes you sent me last spring for my new home certainly were wonderful and we had splendid success with them and derived a great amount of pleasure from them. Some of my friends are after me, who want to try them out.

Yours truly,
ARTHUR M. SLOMAN,

TRICOLORED ROSES

Combination Shades of Orange, Gold, Red, Pink, Yellow

Betty (H. T.)—Beautiful coppery-rose color, overpread with golden-yellow; fragrant.

Each 75c

Gorgeous (H. T.)—Flowers large and full, freely produced on stiff, erect stems; color deep orange yellow flushed copper yellow, and veined with reddish copper.

Each \$1.00

Edith Part—Another grand exhibition rose as well as an ideal garden variety. Free branching growth with well built up flowers of great substance. Color, rich red suffused with deep salmon and coppery yellow. Perfectly shaped flowers.

Each \$1.00

Irish Elegance—Bronze orange in the bud, opening into large single flowers of a lighter shade. Vigorous growing and perpetual blooming.

Each 75c

Independence Day—Sunflower gold smeared and stained coppery bronze and orange. Finely formed, fragrant and very free. One of the outstanding new sorts. Gold Medal N. R. S.

Each \$1.00

Juliet—Flowers beautifully formed, with petals of fine shape and substance. The color is a bright orange-red on the inside of petals, while the reverse side is of a rich old-gold color.

Each 75c

Louise Catherine Breslau (H. T.)—Coral red, shaded chrome yellow, opening to a flower of shrimp-pink, shaded coppery-orange.

Each 75c

Madame Edouard Herriot (T.)—Long, pointed buds, a deep coral red color, shaded to yellow at the base; flower of a rare shade of rosy scarlet, flushed with shrimp and apricot tints. Excellent.

Each 75c

Madame Melanie Soupert—A superb fancy, everblooming rose, of strong, vigorous growth and free branching habit. Color golden yellow shaded to orange yellow at base of petals, the whole beautifully flushed with orange-pink. Fine, long, pointed buds of elegant outline, opening into a very large, fluffy flower of great beauty.

Each \$1.00

Mademoiselle Cecile Brunner (Dwarf Polyanthus)—Exquisite little roses; buds dainty, painted, bright salmon pink, yellow center.

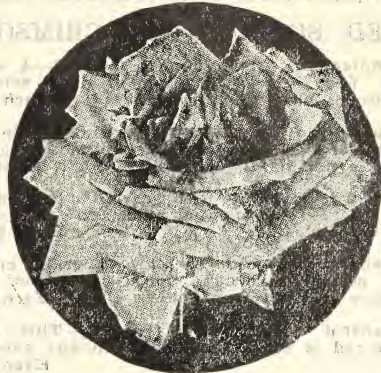
Each 75c

Margaret Dickson Hamill—Delicate straw color, its shell-like petals flushed at the edges on the reverse side with delicate carmine-rose. Strong in growth, free blooming and exquisitely fragrant.

Each \$1.00

Mrs. Dunlap Best—A wonderfully strong growing and free blooming new rose from England which we regard as one of the very finest sorts. Color deep reddish apricot shaded to golden yellow at base of petals. Leathery bronze colored foliage clothes the long stout canes. A splendid garden and decorative rose.

Each \$1.00



Don't Forget Postage

10c extra, 75c per doz. extra for packing
and postage on Rose Bushes

Madame Butterfly—A sport from the popular new rose Ophelia, which may be said to be a glorified form of that fine variety. In this new sort all the colors are intensified, making it a rich harmony of bright pink, apricot and gold. The unopened buds are especially distinct with their lovely shades of Indian red passing to golden yellow at their base.

Each \$1.00

Ophelia (H. T.)—The most popular cut flower variety today. Buds orange salmon, opening to perfect full flower of dainty cream pink; super rose.

Each 75c

Padre—Coppery scarlet, flushed with yellow at base of petals. Long, stout, upright canes hold flowers erect. Exceedingly free-flowering. An excellent bedding variety from England that has made a fine record.

Each \$1.00

Queen Alexandra (H. T.) Face of petals deep vermilion with orange colored base. Reverse of petals old gold. A rare new color in roses.

Each \$1.25

William F. Dreer—Soft shell pink, base of petals rich golden yellow. Sometimes the entire flower is covered with a golden suffusion.

Each 75c

Shot Silk—Cherry cerise overshot, with salmon-orange. Clear yellow at base of the petals. Of fine size and form. A gold medal rose.

Each \$1.50

Sunstar—Deep orange yellow, edged, veined and smeared crimson and vermilion. Vigorous and free.

Each \$1.00

Souvenir de Georges Pernet—Oriental red, tips of petals touched with cochineal. Entire flower faintly shaded with yellow. Flowers very large and full on strong stout stems.

Each \$1.00

ROSES — Continued

All 2-year-old rose bushes by express, unless otherwise ordered. Read about shipping, top of page 91, and inside front cover. Remember, 10c extra, 75c Doz., packing and postage

RED, SCARLET AND CRIMSON

Chateau de Clos Vougeot (H. T.)—A very rich, fiery scarlet shading to deep velvety crimson; delightfully fragrant. Each 75c

Earl Haig (H. T.)—Deep reddish crimson of immense size and great substance. Splendid growing habit. Exhibition sort. Each \$1

Etoile de Holland—Rich scarlet of wonderful brilliancy. Long pointed buds and large open flower. Splendid. Each \$1.25

General McArthur (H. T.)—A grand crimson scarlet. Elegant long buds and the flowers are very fragrant. Each 75c

General Jacquimenot (H. P.)—This fine dark red is still indispensable in any garden. Each 60c

Gross an Teplitz (H. T.)—This is a rose for everybody, succeeding under the most ordinary conditions. Rich scarlet, shading to crimson; fragrant; a free, strong grower and in bloom all the time. Each 60c

H. V. Machin (H. T.)—A splendid new exhibition rose; grand scarlet crimson flowers of wonderful size and form. The buds are long and pointed, unusual in a red rose. The foliage is ideal. Each 75c

Hadley (H. T.)—Color beautiful rich, bright red. Very free and constant. A shapely, graceful bud and flower. One of the most charming and distinctive red roses. Each 75c

Hoosler Beauty (H. T.)—Flowers are dark crimson, shaded with maroon and veined with black; buds beautifully formed, with fine, pointed shape, opening into large, double flower. Each 75c

Hugh Dickson (H. P.)—This superb Irish Rose stands in the front rank as a producer of the very finest brilliant crimson-scarlet roses. Of strong, vigorous growth. Each 60c

J. B. Clark (H. P.)—Deep crimson shaded maroon. Large massive flowers on stout long canes, clothed with leathery foliage. Very hardy. Each 75c

Kitchner of Kartoum (H. P.)—A dazzling single scarlet flower; in great masses. A wonderful decorative rose. Something different. Each 75c

Lord Charlemont (H. T.)—Rich crimson, flushed with carmine. Long pointed buds of exquisite formation. Sweetly scented. One of the finest new red roses. Each \$1.00

Prince Camille de Rohan—Very dark rich velvety crimson, passing to intense maroon, shaded black. One of the darkest roses and very handsome. Regarded as the best of its color. Each 60c

Sensation—Bright scarlet-crimson, shaded maroon. Flowers very large, very fragrant, and come on fine strong stems. A new rose of American origin planted extensively for cut flowers. Each \$1.00

Ulrich Brunner (H. P.)—Extra large bold flowers, full and globular; color, rich glowing crimson, elegantly flamed with scarlet; a good grower and free bloomer. Each 60c



Hoosler Beauty

Other Varieties

If you wish some rose we do not list, write us for price. We can supply many other varieties.

BABY OR DWARF POLYANTHA ROSES

A type of roses which grow only a foot or two high, bear large clusters of flowers possessing great lasting qualities, and are always in bloom. They are fine for massing in beds, for bordering large rose beds or planted singly on the lawn. Perfectly hardy.

Your choice of the following, each 75c; doz. \$7.50

BABY RAMBLER (Dwarf-bush type)—Not over 18 inches high, producing large trusses of light crimson flowers; clean, dark-green foliage.

MRS. W. CUTBUSH—Clusters of pretty double, bright pink flowers; freely produced in panicles; always in bloom.

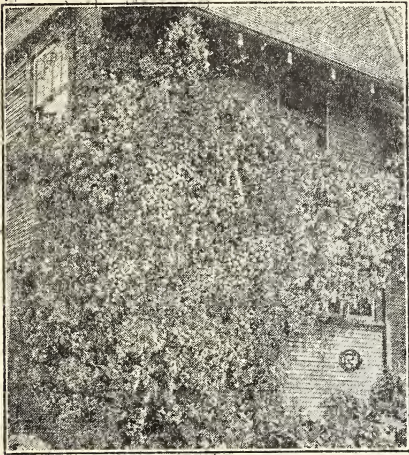
BABY DOLL (Tip Top) Clusters of golden yellow flowers tipped with carise. An absolutely new combination of color in this class of roses. Beautiful for cutting.

BABY TAUSENDSCHON—Pale pink flowers, becoming reflexed with carmine-rose; very beautiful.

SHOULD BUSHES ARRIVE VERY DRY, bury tops and all in damp ground or immerse in a tub of water for a few days. It will benefit them very much.

BEAUTIFUL CLIMBING ROSES

CHOICE POPULAR VARIETIES



Dorothy Perkins, 30 ft. High, Thousands of Blooms. A Popular Variety

CLIMBING OR PILLAR ROSES

The following climbing Roses all grow vigorously, and are profuse bloomers and very hardy anywhere. The flowers are borne in large clusters.

Your Choice following—60c each, if not otherwise marked:

Crimson Rambler—This grand rose is well known and very popular; of rapid growth.

Dorothy Perkins—(See illustration.) Flowers in immense cluster, beautiful shell pink.

Dr. Van Fleet—Flowers large with high built center and petals beautifully undulated and cupped. Beautiful shade of shell pink. Handsome bronze green foliage. A rank climber, immune from mildew. Each 75c

Tausendschon (Thousand Beauties)—Entirely distinct. Large single flowers fully 3 inches across; a delightful shade of soft pink, shaded carmine and produced in trusses of from 10 to 15 flowers. Each 75c

American Pillar—Flowers saucer-shaped, three to four inches across and very lasting. They hang in immense clusters all along the branches, and make a remarkable sight, a veritable sheet of bloom. Color, clear bright, rosy pink.

Paul's Scarlet Climber—A wonderful new hardy climbing rose. The flowers are semi-double and produced in clusters, the plant being literally covered with brilliant vivid scarlet flowers from top to bottom. It is of strong climbing habit. Each 75c

Remember, 10c extra, 75c doz., for packing and postage

TREE ROSES

Good stock is very scarce. Write if interested. Price \$2.50 each.

Beauty of Glazenwood—Bronze yellow or copper and fawn color. One of the grandest pillar roses. Very hardy and free bloomer. Each 75c

Climbing American Beauty. — Rampant climbing rose hardy as an oak tree, producing clusters of nicely formed double flowers of a rich rosy crimson color. Each 60c

Climbing Cecile Brunner—The flowers are produced in clusters and like the bush variety, are of exquisite form and color, being a rosy pink on a creamy white ground. Each 75c

Climbing General McArthur—A climbing form of the fine red rose General McArthur. Splendid in every way. Each \$1.00

Climbing Hoosier Beauty—Handsome, rich crimson flowers shaded to pink. One of the best ever-blooming climbing roses yet produced. Each \$1.00

Climbing Lady Ashtown—Large rose-pink flowers shaded to yellow at center. A continuous blooming climbing rose of the greatest merit. We recommend it most highly. Each 75c

Climbing Los Angeles—A fine climbing form of the new Los Angeles. Shrimp pink and coral color. Each \$1.25

Climbing Lady Hillingdon—The golden yellow flowers, the bronzy red foliage and the strong arching branches, make this the most desirable pillar and porch rose of its color. Each \$1.00

Climbing Mad. Caroline Testout—Counterpart of our famous official pink hedge rose. Each 75c

Climbing Madame Edouard Herriott—Coppery scarlet flushed with apricot. Strong, rapid climbing sort. Each \$1.25

Climbing Mrs. Aaron Ward—Climbing form of the beautiful yellow tea rose, Mrs. Aaron Ward. Each \$1.00

Climbing Sunburst—A true pillar rose of strong growth, bearing freely very large cadmium yellow flowers. Beautiful either in bud or open flower. Each \$1.00

Climbing Safrano—A beautiful pillar rose, being a strong climber; color orange-yellow or deep saffron; good size, full and sweet. A favorite variety in every locality. Each 75c

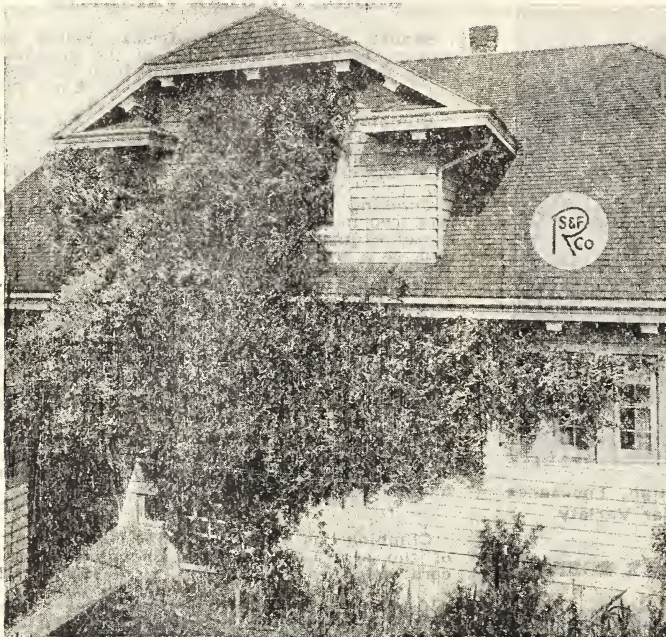
Reine Marie Henriette—A strong, vigorous grower; flowers large, full and of fine form. Color glowing crimson, elegantly shaded. One of the best climbers. Each 75c

Silver Moon—A magnificent white climber, large, semi-double blooms of good substance, with golden stamens. Foliage is abundant, bronze-green, and is immune to mildew. Each 75c

Shower of Gold—A beautiful new climber of the Wichuriana type from the gardens of the famous English rosarian, William Paul. It is of very vigorous growth, with dense, glossy green foliage. Produces masses of golden yellow flowers in large clusters. Each 75c

SPRAY PRUNE and FERTILIZE your roses each year and produce prize winners. We'll tell you "what and when." "How to Grow Roses" (by Pyle); 180 pages; \$2.25, post paid.

BEAUTIFUL HARDY CLIMBING VINES



Polygonum Auberti

POLYGONUM AUBERTI (Silver Lace Vine)

One of the most desirable flowering climbers we have ever grown. Of strong, vigorous, rapid growth and producing throughout the summer and fall long graceful sprays of small, white, delicate flowers. Clean, neat foliage. Perfectly hardy. The vine in the illustration made a spreading, 15-foot growth the first season and to the top of the house the next season and is cut back to eaves each fall. Always free of insects.

Each, 75c; Extra Strong Roots, \$1.00

CINNAMON VINE

A beautiful vine of rapid growth, suitable for porches, trellises, etc.; pretty white flowers of cinnamon-like fragrance. Perfectly hardy. Vines die in the fall but come up rapidly early each spring. Small roots, 20c; 3 for 50c; Large, 25c; 3 for 65c

HONEYSUCKLE

A beautiful climber, rapid grower and very desirable. Flowers very fragrant.

Your choice. Each 60c and 75c

Malleana.—Very popular; almost evergreen; flowers white, passing to yellow.

Belgica (Monthly Fragrant)—Flowers are large; color, red and yellow.

WISTARIAS

SINENSIS BLUE.—A very rapid growing, hardy climber; lovely long panicles of dark blue flowers, produced in the most wonderful profusion. Strong vines. Each \$1.25

SINENSIS ALBA.—Like the preceding, but with beautiful white flowers in long panicles. Strong vines. Each \$1.25

BOSTON IVY—The popular climbing plant for covering brick, stone or cement walls, etc. Foliage rich olive green, turning to autumn tints in the fall. Strong plants, 50c; extra, 60c.

VIRGINIA CREEPER.—For covering trellises, arbors, etc; large, deep green foliage; red berries in the fall. Strong plants 50c; extra strong, 75c.

ENGLISH IVY—Thick, leathery evergreen leaves. Each 35c.

CLEMATIS ORIENTALIS

Admired for its neat foliage and rich golden-yellow flowers in mid-summer and fall; free-flowering, hardy vine. Each 75c

MADERIA VINE—A rapid grower; dense green foliage; succeeds in any location. Each 15c; extra large 25c.

CLEMATIS

PANICULATA (Sweet-Scented Japan).—Of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy-green foliage. The flowers are of small size, pure white, borne in profusion in September and October.

Each, choice roots, 50c; large plants, 75c



"MAKE 'EM HOP."—If you will mix a cup full of "Marvel" Fertilizer with 5 lbs. "H. Q." and work both thoroughly into the soil around your climbers, you will get wonderful growth and lovely flowers. See pages 37 and 38.

HARDY FLOWERING & ORNAMENTAL SHRUBS

NOTE—"D" following the name stands for Deciduous, "E" Evergreens.

SHIPPING.—At the prices given we send large, well-branched bushes from 2 to 5 years old, grown in the open ground. As our shrubs are, for the most part, large and heavy, we usually send them by express or freight. By request small sizes can be sent by parcel post, but you must ADD AT LEAST 15c to 20c EXTRA PER SINGLE PLANT to cover packing and postage.

ALMOND-FLOWERING (D)

Elegant flowering shrubs or small trees bearing a profusion of double flowers before the leaves appear. Pink or white. Each \$1.50.

BARBERRY (D)

THUNBERGII (D).—Small foliage, red in autumn. Bright scarlet berries all winter. Each, 60c, 75c and \$1.00.

BUDDLEYA (D) Butterfly Bush

Magnifica.—Long lilac blue flower spikes. Choice plants, 75c each; extra strong, \$1.00 to \$1.50.

COTONEASTER

Your choice—Small, 60c; large, 75c to \$1.00.

SIMONSII (D).—Upright grower, scarlet berries all winter.

HORIZONTALIS (E).—Dwarf-spreading horizontal branches, bright scarlet berries. Fine for terraces or rockery.

FRANCHETTI (E).—Upright graceful, drooping habit, red berries in fall and winter.

DEUTZIAS (D)

Attractive flowers in May and June.

Your choice, each, 75c to \$1.00.

GRACILIS ROSEA.—Graceful sprays, pink flowers.

LEMOINEI.—Large pure white flowers.

PRIDE OF ROCHESTER.—Flowers double; pure white, tinged with blush; great profusion.

FORSYTHIA (D)

FORTUNI (Golden Bell).—Yellow flowers, very early in the spring. Each, 75c to \$1.00.

GENISTA (E) Broom

Your choice, each, 60c to 75c.

ALBA.—Pure white.

ANDREANA.—Red and yellow flowers.

SCOPARIA (Scotch Bloom).—Yellow flowers.

SPANISH.—Yellow flowers all summer.

HAWTHORNE (D)

DOUBLE WHITE OR SCARLET—3 ft. to 4 ft., \$1.50; 5 to 6 ft., \$2.00.

HYDRANGEA (D)

HORTENSIA.—One of our most popular and showy lawn plants. Often grown in pots or tubs. Flowers in large flat trusses. We can supply White, Pink, or Blue. Young plants, 50c. Large plants, according to size and number of flower shoots, 75c, \$1.00, \$1.50.

SHADE AND ORNAMENTAL TREES

The following are our most popular varieties. If you want some other kind, inquire. We no doubt can supply.

ASH—American White.—Upright spreading branches forming a round topped crown. Each, 6 to 8 ft., \$1.50.

BIRCH—European.—Remarkable for its elegance; very graceful; silver bark and slender branches. 4 to 5 ft., \$1.25; 5 to 6 ft., \$1.50.

BIRCH—Weeping Cut Leaf.—The most graceful variety, quite scarce. 4 to 6 ft., \$2.50 to \$3.00.

CATALPA—Western Speciosa.—Rapid grower, broad, deep green leaves, large blossoms. Each, 4 to 6 ft., \$1.25; 6 to 8 ft., \$1.75.

CHESTNUT.—Very popular, stately shade trees. White Flowering—4 to 6 ft., \$1.00; 6 to 8 ft., \$1.50; 8 to 10 ft., \$2.00.

Red Flowering.—No stock this year.

DOGWOOD—Cornus Nuttalia.—Produce in April or May sheets of 2½ to 3-inch white flat flowers on long slender branches. Each, 5 to 6 ft., \$1.25; 6 to 8 ft., \$1.50.

H. PANICULATA GRANDIFLORA.—The trees are massive cone-shaped, pure white, changing to pink and copper. Each, 50c, 75c and \$1.00. Tree shaped, 3 to 4 ft., each, \$1.50.

LILACS (D)

Single White or Purple. Each, 3 to 4 ft., 75c to \$1.00. Larger, \$1.50.

PRUNUS (D)

They flower profusely very early in the spring before the leaves appear.

P. PISSARDI (Flowering Plum).—White flowers, purple leaves. Each, 75c, \$1.00, \$1.50.

P. CERASUS (Flowering Cherry).—Lovely double flowers early in the spring. Double white or pink, 3 to 4 ft. Each, \$1.50.

QUINCE (D) Cydonia

JAPONICA.—Single scarlet flowers very early in the spring. Each, 75c to \$1.00.

SPIREAS (D)

Your choice, small, 60c; medium, 75c; large, \$1.00.

VAN HOUTTEI.—When in flower it is a complete fountain of white bloom; perfectly hardy and an early bloomer.

THUNBERGII.—Slender branches and somewhat drooping; foliage in autumn changes to red and orange; white flowers in feathery masses appearing early.

PRUNIFOLIA (Bridal Wreath).—Slender, erect-growing and bearing very early in the spring small double white flowers the entire length of its branches.

ANTHONY WATERER.—Of dwarf growth, large umbels of crimson flowers.

SNOWBALL (D)

STERILIS (Common Snowball).—Each, small plants, 60c; 3 to 4 ft., each, 75c to \$1.00.

WEIGELA (D)

Beautiful shrubs that bloom in May, June and July.

PRICES—Your choice each 75c and \$1.00.

CANDIDA.—Tall, beautiful, white flowers. Continuous and profuse bloomer; very hardy.

ROSEA.—Pink flowers, tree bloomer.

EVA RATHKE.—Red flowers, very fine.

ELM.—One of the most popular and best shade trees. Very desirable for street. American White. —6 to 8 ft., each, \$1.25; 8 to 10 ft., \$1.75; 10 to 12 ft., \$2.50.

MOUNTAIN ASH.—Very ornamental trees, especially when covered with its clusters of red berries in the fall. Each, 4 to 5 ft., \$1.25; 5 to 6 ft., \$1.75.

MAPLE.—Large growing maples for shade. Your choice of the following kinds: Norway, Oregon, Silver or Soft Sugar or Hard, and Purple-Leaved. 6 to 8 ft., \$1.5; 8 to 10 ft., \$1.75; selected, \$2.00.

POPLAR.—These well-known trees are planted largely for windbreaks and ornamental purposes; very rapid growers

Carolina and Lombardy.—Your choice, 6 to 8 ft., \$1.00; 8 to 10 ft., \$1.50. Write for quantity prices, stating size wanted.

EVERGREEN SHRUBS AND TREES

In moving evergreens, they are generally taken up with a ball of earth about the roots; this makes it necessary to ship them by express or freight only. The stock we offer has been moved in the nursery every two years. This insures their living, and they are worth double the ordinary stock. NOT AVAILABLE.—These stocks must go by express or freight.

ABELIA

Graceful; low growing; dark glossy leaves and handsome clusters of light flowers that turn to rosy pink. Small plants, 50c; select, 75c to \$1.00.

ACUBA

JAPONICA.—Broad leaves, speckled and striped golden yellow. Each, \$1.00; 2 to 3 ft., \$1.50; select specimens, \$3.50 to \$5.00.

ARBOR VITAE-THUYA

Upright, compact evergreen of beautiful appearance.

GREEN.—Young, \$1.50; specimens, \$2.50.

GOLDEN.—Variegated foliage; very pretty. Each, \$2.50; specimens, 2 to 3 ft., \$3.50.

AZALEA

A. CRIMSON.—Dwarf, compact grower. Foliage small; flowers dazzling crimson in the early spring. Small plants only, each \$2.00 to \$2.50.

BOXWOOD

DWARF (Common).—Fine for borders, edgings or low hedges. **HEDGE PLANTS.**—Young, 6 to 8 in., each, 25c; per 100, \$20.00. Bushy, 6 to 8 in., 50c.

BUSH or TREE BOX.—Can be grown and trimmed into most any shape. Each, 1 to 2 ft., 75c, \$1.00 to \$2.00.

CAMELIA

JAPONICA.—Double wax-like flowers in shades of pink, red and white. Small plants, \$1.50 to \$2.25.

CRYPTOMERIA

ELEGANS.—Delicate green foliage and graceful habit; color changes to reddish-brown in winter. Each, small, \$1.00; 2 ft. \$2.00.

CYPRESS

LAWSON.—Hardy evergreens; used extensively for hedges, and wind breaks; quite a rapid grower. Each, 1½ to 2 ft., \$1.50; trimmed specimens, full and compact, 2½ ft., \$2.50.

ALUMNI.—Erect grower, foliage deep bluish green. Each, 3 to 4 ft., \$1.50 to \$2.50.

ARIZONICA.—A tall, upright grower; fine foliage of bluish green color. Each, 3 to 4 ft., \$1.50 to \$2.50.

ITALIAN.—Slender upright; compact green foliage. Specimens, 4 ft., each, \$2.50.

DAPHNE

ODORATA.—Glossy dark green leaves. Wax-like flowers of exquisite fragrance. Small, each, \$1.50; large, \$2.50.

ENONYMOUS

JAPONICA.—Leathery glossy green leaves. Each, 60c, 75c, \$1.00.

JAPONICA VARIEGATED.—Same as above; leaves beautifully marked with gold. Each, 75c, \$1.00, \$1.50.

HOLLY

Very popular everywhere.

ENGLISH (Aquifolia).—Budded stock, guaranteed berry-bearing. Well balled and carefully packed. Each, 2 to 3 ft., \$1.50 to \$2.50; specimen plants, 4 ft. up, very scarce; write.

JUNIPER

IRISH.—Very desirable, pyramidal in form, foliage glaucous green; a hardy grower. Each, 2 ft., \$1.25; 3 ft., \$2.50.

CHINESE.—Steel blue foliage, slow grower, fine form. Each, 2 ft., \$1.50; 2½ ft. specimens, \$2.50.

LAUREL

ENGLISH.—Rapid growing shrub, with large oblong glossy green leaves. Excellent for large hedges or screens or as single specimens. Choice plants, 50c to \$75c; large, \$1.00 to \$1.50 and up.

LAURUSTINUS

Bright green leaves covered in the late fall, winter and early spring with large panicles of fragrant, white blossoms. Each, 1½ ft., 75c; selected, \$1.00 to \$1.50.

PRIVET

One of the best hedge plants; has small pointed evergreen leaves; grows rapidly and compactly; stands severe pruning and can be kept in fine shape with little care.

ENGLISH.—Small, dark green leaf. Hardy and better than California.

Prices: 12 in. up, per 10, \$1.25; per 50, \$4.50; per 100, \$8.00; 2 year old plants, 24 in., per 10, \$1.50; per 50, \$5.50; per 100, \$10.00.

GOLDEN LEAVED.—Leaves heavily variegated with golden yellow. A fine ornamental shrub for any situation; very attractive. Each, 2½ to 3 ft., 75c to \$1.00.

PYRANCATHA

EVERGREEN THORN.—Very desirable. Narrow green leaves. Small, white flowers followed by showy bright berries for fall and winter show.

Your choice. Small plants, 60c to 75c; large, \$1.00 to \$1.25 up.

AUGUSTIFOLIA.—Tall growing, rich orange-yellow berries.

LELANDI.—Spreading and slender habit. Can be trained against walls or buildings. White flowers in the spring followed by masses of orange colored berries.

COCCINEA.—Berries showy and lasting; of good size and crimson red. Very conspicuous in fall and winter months. Very hardy.

RETINOSPORA

Your choice. Small, 75c; specimens, \$1.00 to \$1.50.

PLUMOSA.—Tufted, plume-like, delicate foliage of a glaucous green color.

PLUMOSA AUREA (Golden).—Same as the above with foliage of a golden tint.

SUARROSA.—Foliage compact tufted, plume-like, silvery green.

SPRUCE

Popular evergreens. They do well anywhere.

NORWAY (Excelsa).—Most generally planted. It's a pyramidal, symmetrical and rapid grower. \$1.50 to \$2.50 and up.

ENGLMANNI.—Very hardy and of a soft bluish foliage. Each, \$2.00 to \$5.00.

SITKA.—More compact and of a finer character. Glaucous, bluish green foliage. \$2.00 to \$6.00.

VERONICA

Prices: Your choice of the following, each, 50c; select specimens, 60c to 75c up.

BUXIFOLIA.—Very small glossy green leaves. Compact round plant.

CUPRESSOIDES.—Cypress-like foliage. Splendid quick growing. Globular form.

ERECTA THYMIFOLIA.—Somewhat similar to Buxifolia, slightly faster grower.

GLAUCOPHYLLA.—Semi-spreading, compact shrub, small gray-green leaf.

TRAVERSII.—Small shrub of upright compact growth; foliage green; tallest of Veronicas.

NURSERY CATALOG.—We will be glad to send you our complete illustrated and descriptive catalog of Nursery Stock. If interested write.



FRUIT TREES, BUSHES, VINES AND PLANTS

We are making a specialty of select fruit stock. This is an important branch of our business. Our manager has been in this line of work in Oregon for over 20 years. Aside from large stocks grown for us on contract, we are in close touch with the largest, most reliable and careful growers.

The expert in charge of our Nursery Department, has been actively engaged in growing and selling fruit stocks in Oregon and Washington for the past 30 years, and knows "what's what."

OUR SHIPPING SEASON for the above is from November 1 to April 1. Some seasons May 1, although May is too late for best results. We advise late fall, open winter or very early spring planting while stock is dormant.

HOW WE SHIP—Unless otherwise instructed, we ship by EXPRESS OR FREIGHT, whichever is cheapest, and the buyer pays the charges.

TREES CANNOT GO BY PARCEL POST, unless you make special arrangements by letter.

CARE OF STOCK UPON ARRIVAL—If you are not ready to plant, dig a trench and "heel" in. If ground is frozen, put in a cellar and keep roots damp.

CONDENSED PRICE LIST

APPLES

Summer, Autumn or Winter Varieties.

	Each	Per 10
One year, 3 to 4 ft.....	.40c	\$3.00
One year, 4 to 6 ft.....	.50c	4.00
Two year select.....	.75c	7.40

CRAWB APPLES—Same prices as above.

PEARS, PLUMS AND PRUNES PEACHES AND APRICOTS

Your selection of any well known sorts.

	Each	Per 10
One year, 3 to 4 ft.....	.60c	\$5.50
One year, 4 to 6 ft.....	.75c	6.50
Two year select.....	\$1.00	9.00

CHERRIES AND QUINCES

Your selection of popular sorts.

	Each	Per 10
One year, 3 to 4 ft.....	.75c	\$7.00
One year, 4 to 6 ft.....	1.00	10.00
Two year select.....	1.50	

GOOSEBERRIES

OREGON CHAMPION, the most popular and profitable variety. Prices—One year, 20c each; \$2.00 doz.; \$16.00 per 100. Two year, 25c each; \$2.50 per doz.; \$12.50 per 100. If wanted by mail, add 7c each or 50c per doz. for packing and postage. Note very low prices per 1000.

GRAPES

CAMPBELL'S EARLY, CONCORD AND WARDEN, black sorts, or **DELAWARE AND EATON**, red sorts, or **NIAGARA**, white. Your choice. Prices—One year, 25c; two year, 40c; selected extra strong, 50c each. 10 times the each price is dozen price. By mail, add 7c each, 50c per doz., for postage. Write for low 100 or 1000 prices.

DEWBERRIES AND LOGANBERRIES

Strong plants, 25c each; \$2.50 doz., postpaid. Write for low prices per 100 or 1000.

BLACKBERRIES

LAWTON, OREGON EVERGREEN or **HIMALAYA GIANT**. Strong plants, 20c each; \$2.00 doz. Postage, 7c each or 50c doz. extra. Low prices per 100 or 1000.

RASPBERRIES

RED AND BLACK

BLACK CAP—Plum Farmer or Gregg. Strong plants 20c each; \$2.00 doz. Postage, 7c each; 50c doz. extra.

RED—Cuthbert or Marlboro. Strong plants 10c each; 60c doz. Extra strong 15c each; \$1.00 doz. Postage 7c each; 50c doz. Write for low prices per 100 or 1000.

CURRANTS

PERFECTION, CHERRY or WHITE GRAPE—One year, 25c each; \$2.00 doz. Two year, 25c each; \$2.50 doz. Select extra strong, 50c each. Postage, 7c each; 50c doz. Write for low prices per 100 or 1000.

NUT TREES

ALMONDS.—IXL, Nonpareil or Ne Plus Ultra. 1 year, 3 to 3½ ft., each, 75c; 10 for \$6.00; 100 for \$50.00.

FILBERTS

Prices: Each, 3 to 4 ft., 75c; 10 for \$6.50; 100 for \$40.00.

BARCELONA.—Magnificent large nut from Spain, first quality.

DU. CHILLY.—The largest Filbert on the Pacific Coast. Nuts full fleshed and sweet.

WALNUTS—English

The Franquette grafted on California black walnut roots.

Prices: 3 to 4 ft., each, \$1.25, 10 for \$10.00; 4 to 6 ft., each, \$1.75, 10 for \$15.00; 6 to 8 ft., each, \$2.00; 8 to 10 ft., each, \$3.00. Write for 100 price.

SEEDLING STOCK.—Not grafted. Prices: Each, 4 to 6 ft., \$1.50; 6 to 8 ft., \$2.00.

**SELECTED
STRAINS****STRAWBERRY PLANTS****INSPECTED
CERTIFIED**

Our strawberries are carefully grown, trimmed and packed in the best manner to insure their arrival in good, fresh condition. If you want good, strong, healthy, vigorous plants, and true to name, send to us. Our prices are right; our plants are certified and O. K.

NEW OREGON.—One of the finest and most satisfactory strawberries ever introduced. It always looks bright, fresh and attractive. The berry is very large, firm and handsome; rich, dark red, extending to the center. The flavor is rich, sweet and delicious. For table use and canning it cannot be surpassed. The "Oregon" ripens early and continues in bearing until late in the season.

MARSHALL.—One of our best Western varieties and very popular wherever known. Marshall is one of the blood-red varieties that never fails to attract the eye and to satisfy the taste. It is deliciously sweet, generously prolific, and is in every way an ideal variety for extensive planting or home garden. Excellent for canning, as it holds its color, shape and flavor.

GOLD DOLLAR.—One of the earliest berries on the market. Fruit good, medium size, and attractive; rather tart; fine flavor, foliage heavy, large and spreading, which protects the blooms from early frosts.

MAGOON.—Very popular in many Western Oregon and Washington sections; fine quality.

TRUCK LIST.—Your choice of above varieties, **PREPAID**, doz., 30c; 50 plants, 85c; 100, \$1.50. **NOT PREPAID** doz., 25c; 50 plants, 60c; 100, \$1.00; 1,000, \$8.00; 500 plants all one kind at 1,000 rate. Ask for special prices in 3, 5, 10 or 25 thousand lots.

Progressive Everbearing Strawberries

Popular strawberries on account of their long fruiting season. Left alone, they will flower and fruit the whole season, but to secure a large crop in the late fall when berries are scarce and high in price, keep the blooms off until the last of June. Berries medium large, rather bright red in color and of excellent quality. Extremely hardy, bearing until the ground freezes.

PRICES—Doz., 50c; 25 plants, 75c; 100, \$2.00; prepaid. Not prepaid, doz., 35c; \$1.75 per 100; \$15.00 per 1,000.



Oregon Grown, Heavy Yielders

ASPARAGUS ROOTS

NEW WASHINGTON.—The plants we offer have been grown from seed of the most uniform rustresistant, highest yielding, largest in size and quickest growing plants from the latest selections by the U. S. Department of Agriculture. Large, straight, dark green shoots of excellent quality, with tips that are tight and firm until well out of the ground.

PRICES: No. 1 Roots—(Generally listed as 2-year.) Prepaid, doz., 50c; 50 for \$1.00; 100 for \$1.50. Not Prepaid, doz., 40c; 100 for \$1.25; 1,000, \$8.00.

No. 2 Roots—(Generally listed as 1-year.) Prepaid, doz., 35c; 50, 75c; 100, \$1.00. Not Prepaid, doz., 25c; 100, 85c; 1,000, \$6.00.

Select 2 to 3 yr. Roots—Prepaid, doz., 75c; 50 for \$1.50; 100 for \$2.50. Not Prepaid, doz., 60c; 50 for \$1.35; 100 for \$2.25.

HORSEADISH ROOTS

Plant in the spring 18 by 24 inches apart. Set the whole root small end down.

PRICES: 2 for 15c; 50c per doz.; \$2.00 per 100. Low prices by the 1,000. Crown Root—Quick results. 15c each; doz., \$1.00.

RHUBARB**PIE PLANT—WINE PLANT**

Plant in the fall or early spring from 3 to 4 feet apart, in the richest soil you have, or can prepare. **NEW BOOK:** "Rhubarb Culture," a complete guide to dark forcing and field culture (well illustrated), 130 pages, \$1.25.

RIVERSIDE GIANT is a quick, very early grower, producing very freely giant, heavy stalks, that are exceedingly tender, brittle and of the finest flavor and color. A "peerless" rhubarb for home gardens or for commercial plantings.

We supply strong, healthy, divided roots, the only safe way. Roots from seed do not come true.

SINGLE EYE—Postpaid, each, 15c; doz., \$1.50. Not Postpaid, doz., \$1.25; 100, \$7.50.

DOUBLE EYE—Postpaid, each, 25c; doz., \$2.50. Not Postpaid, each, 20c; doz., \$2.00; 100, \$10.00.

TRANSPLANTS.—Grown one year from single-eye large, vigorous, healthy roots, each, 35c; doz., \$3.00, not prepaid. By Mail, 7c each; 50c doz. extra.

HOP ROOTS

Oregon's Famous English Cluster Hops.
Regular Root Cuttings, 10c each, 3 for 25c; 75c doz.; \$4.00 per 100, postpaid. Low prices by the 1,000.

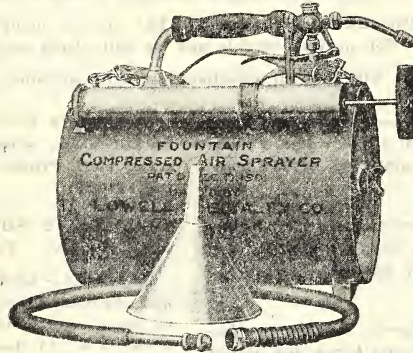
FERTILIZER—To grow big crops of Asparagus and Rhubarb you must apply each year a liberal amount of good fertilizer. **WE HAVE IT**—see pages 37 and 38.

SPRAY PUMPS AND SPRAYERS

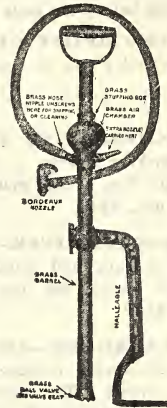
Limited space in this catalog will not permit us to fully illustrate and describe our complete line of Spray Pumps. The kinds shown below are the best in their class. Well made and durable, regulation size and O. K. in every way. COMPLETE CATALOG OF SPRAY PUMPS ON REQUEST



No. 210 Compressed Air



Lowell Fountain Compressed Air Sprayer



No. 32

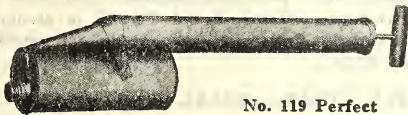
NO. 210—COMPRESSED AIR. 7½x21 inches. Capacity 3½ gal. Galvanized tank, brass plunger, etc. \$6.00.

NO. 211—All Brass, \$9.00. Packed for mailing, 12 lbs.

LOWELL FOUNTAIN.—Best of its kind. Capacity, 3½ gal. 13x9 inches. Outside brass plunger.

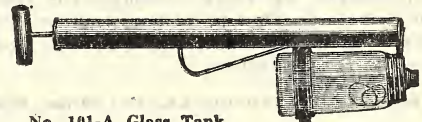
handle and shoulder strap. No. 111 all brass, \$9.50; No. 110 Galvanized tank, \$6.50. (Weight boxed, 14 lbs.) Extra two-foot extension rods, 75c each.

NO. 29—BRASS BUCKET PUMP. Excellent in every way. Continuous spray. Weight, 12 lbs. Price, \$5.00.



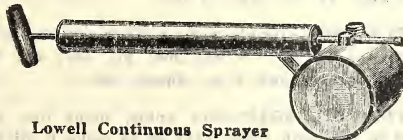
No. 119 Perfect

NO. 119—PERFECT. 20 inches long. Holds 1 quart; heavy tin. Each, 50c (P. P. Wgt. 2 lbs.)



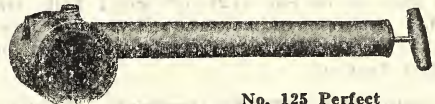
No. 101-A Glass Tank

NO. 101-A.—Glass Mason jar reservoir, spray proof, powerful sprayer, 19½ inches long, double spray tubes. Price, \$1.00. (P. P. Wgt. 4 lbs.)



Lowell Continuous Sprayer

LOWELL CONTINUOUS. Improved style, strong and durable; 2 nozzle caps. A continuous sprayer 3 times as fast with one-third the effort. Length, 20 in. Capacity, 1 qt. Each: Tin, 90c; Galvanized, \$1.00; All Brass, \$1.25. (P. P. Wgt. 2 lbs.)



No. 125 Perfect

NO. 125—PERFECT. 20 in. long; capacity, 1 qt.; heavy tin, 50c. No. 126, same style, galvanized, 75c; No. 127, all brass, \$1.00. (P. P. Wgt. of all, 2 lbs.)

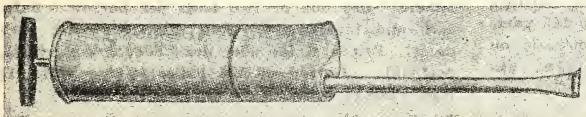
NO. 118.—Same style as 125 but capacity 1 pt. Price 45c, and No. 122, capacity ½ pt., 35c. (P. P. Wgt. 1½ lbs.)

POWDER SPRAYERS OR BLOWERS



Defender
1 oz. Gun
25c Postpaid

NO. 2 DUST GUN.—Best of its kind. Length, 15¼ inches; diameter, 1¾ inches. (P. P. Wgt., 1½ lbs.) Price, 75c.



NO. 1 DUST GUN.—Large, powerful blower; very satisfactory in every way. Barrel length, 16 inches; diameter, 3 inches; extension, 12 inches. (P. P. Wgt. 2½ lbs.) Price, \$1.25.



Our Motto
"HIGHEST
QUALITY"

Garden and Spray Hose

SPRAYS, INSECT AND RODENT KILLERS

Don't wait until the fungi, such as mildew, rust, black spot, etc., have attacked your roses and trees. The fungicide sprays are merely preventatives and should be used in the fall and early in the spring before the buds open. After the disease has developed it may be too late to save the plant.

DESCRIPTIVE CATALOG, LEAFLETS, BOOKLETS, etc., on many of the following Sprays and Insecticides free on request. Tell us your trouble and we will gladly advise you.

NOTE.—Full directions on each container.

ANFO-NICOTINE SPRAY.—To kill aphids and all sucking insects. 1 pint to 4 gal. water. Prices: ½ qt., 35c, or 45c mailed; pint, 65c, or 75c mailed; qts., \$1.00.

ANFO-BITE FREE.—A fragrant powder to apply to face and hands to keep mosquitoes and gnats away. 35c per can; postpaid, 40c; or 3 for \$1.10.

ANT KILLER.—ANTROL.—Is the most effective eliminator of Argentine and honey dew loving ants known. The largest nurseries and thousands of homes on the Pacific Coast use it exclusively. Antrol is harmless to children or pets, yet eliminates the entire ant colony—quickly and surely. Prices: Cottage set of 9 storm-proof receptacles and 6 oz. of Antrol Syrup, \$1.75. Syrup only: pt., 75c; qt., \$1.25. Descriptive leaflet on request.

ARSENATE OF LEAD (Powder).—For eating and leaf-chewing insects, codling moth on fruit. Prices: ½ lb. can, 25c; 1 lb., 45c; 4 lbs., \$1.25. Quantity price on request.

BLUE STONE (Vitrol).—Lb., 15c; 10 lbs., \$1.25.

BLACK LEAF 40.—To kill green and woolly aphids, thrip, plant lice, codling moth and all sucking insects. Prices: 1 oz. bottle, 35c; makes 5 gal.; ½ lb. can, \$1.25 (47 gal.); 2 lb. can, \$3.50 (240 gal.); 10 lbs., \$13.50 (1000 gal.) Note: Use 1 lb. Fish Oil Soap to 10 gal. water and add Black Leaf 40.

BORDEAUX MIXTURE (Powdered).—For blight, mildew, rust and fungus diseases. Apply dry as a powder or 1 lb. to 5 gal. of water. Prices: 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75.

BUG DEATH.—Non-poisonous to humans, birds or animals, but it sure gets all chewing insects, aphids, tomato beetle and helps prevent blight. Prices: 1 lb. can, 30c; 5 lbs., \$1.00; 12½ lbs., \$2.00. Postage extra.

BUHACH INSECT POWDER.—Kills flies, fleas, bedbugs, etc. Small bellow pkt., 10c; large, 25c; 3 oz. can, 40c; 6 oz., 75c; 12 oz., \$1.35.

CARCO VEGETABLE SPRAY.—For destroying and preventing grubs and maggots on turnips, radish, cabbage, etc. Use 1 part Carco to 125 parts water. Descriptive pamphlet and testimonials on request. Prices: ¼ pint, 50c; pint, 75c; qt., \$1.25; gal., \$2.75.

CYANOGAS A.—The fumes of this powder kills rats, moles, gophers, ants, etc. A spoonful to a hole or use a powder gun. Prices: 1 lb. can, 75c; 5 lb., \$2.50; 25 lb., \$5.25.

CYANOGAS G.—For fumigation of greenhouses to kill black, green and white fly, thrips, soft scale, etc. Prices: 1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00.

CORROSIVE SUBLIMENT.—For treating potatoes, grain, etc. Prices: 4 oz., 75c; 8 oz., \$1.25.

CARBOLA.—Cold water Paint.—A white paint and disinfectant combined in powder form. To be mixed with water. 1 lb. to 100 sq. ft. Prices: 5 lbs., 85c; 10 lbs., \$1.50; 50 lbs., \$6.25.

FLY SPRAY.—FLYROL.—Non-poisonous; will not stain the daintiest fabrics, yet kills all flies, moths, mosquitoes, roaches, bedbugs, spiders, fleas, etc. The cheapest and best fly spray on the market for household use. No unpleasant odor. Prices: Pint, 65c; qt., \$1.20; gal., \$3.25.

DAIRY BRAND FLYROL.—Use outdoors. Highly effective for dairies, stables, barnyards, chicken-houses, rabbit pens, dog kennels, trash piles and in swamps: "Dairy Brand Flyrol" is absolutely guaranteed. Prices: ½ gal., \$1.25; gal., \$1.85; 5 gal., \$7.50.

FLY SPRAY.—TOXAL.—A well-known fly, moth and bedbug killer. Prices: ½ pt., 35c; pt., 60c. Toxal Outfit: ½ pt. sprayer and 1 pt. of spray for 90c. (P. P. Wgt., 2 lbs.)

FLY FOIL.—Highly recommended as a house fly spray and killer. 8 oz., 30c; pt., 50c; qt., 90c. Small sprayer and 5 oz. liquid, 50c.

FISH OIL SOAP.—For aphids, plant lice, etc., and to mix with Black Leaf 40 to make it stick to foliage. Prices: Small cake, 10c; lb., 25c; 1½ lbs., \$2.00; 100 lbs., write.

FORMALDEHYDE.—For treating grain, potatoes and bulbs. Pint, 60c; qt., \$1.00; gal., \$3.25.

GAS BALLS.—Rodent Killer. A new product of real merit to eradicate ground squirrels, prairie dogs, rabbits and pocket gophers. When these gas balls are lighted and rolled down into the burrow they produce a deadly, poisonous gas that carries death to any living rodent in the burrow.

They are non-explosive and non-poisonous to handle. Use one or two balls per burrow. Safe, sure and inexpensive. Full directions with each order. Price: 6 for 30c; doz., 50c; 3 doz., \$1.25, postpaid. Carton of 125 balls, \$3.00. Wgt., 14 lbs. Postage extra.

GOPHER SCENT.—For gophers, squirrels, etc. It will give results or you can have your money back. Prices: 8 oz. can, 35c; 12 oz., 50c; 29 oz., \$1.00.

Sprays, Insect and Rodent Killers—Continued

Full directions for using on each container or package

GRAFTING WAX.— $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c. Add postage if wanted by mail.

HELLEBORE POWDER.—For killing slugs, cut-rant worms, etc. Non-poisonous to mankind. Use as a powder or 1 oz. to 8 gal. of water. Prices: $\frac{1}{4}$ lb., 40c; lb., 75c; postage extra.

LIME AND SULPHUR SPRAYS.—For scale, insects of all kinds, fungus, scab and blister, etc.

LIME AND SULPHUR SOLUTION.—(Liquid 1 to 9 parts of water). Prices: Qt., 30c; gal., 75c; 5 gal., \$2.25; 50 gal., write.

LIME AND SULPHUR.—Dry Mixed.—12 to 15 lbs. to 50 gal. water for dormant spray. One-quarter strength for summer spray. Prices: 1 lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.25; 100 lbs., write.

NICO—FUME LIQUID.—For spraying or vaporizing: $\frac{1}{2}$ lb., tin, 75c; 1 lb. tin, \$2.00; 4 lb. tin, \$7.00; 8 lbs. (gal.), \$13.00. (Cannot mail.)

NICO—FUME FUMIGATING PAPER.—Price per can of 24 sheets, \$1.25 (wgt., 1 lb.); 144 sheets, \$5.25 (wgt., 4 lbs.); 288 sheets, \$9.50. (P. P. wgt., 8 lbs.) Add postage if wanted by mail.

NICO—FUME TOBACCO POWDER.—Full information on cans. 1-lb. can, \$1.00; 5 lbs., \$4.00; 10 lbs. \$7.50. Postage extra.

NIAGARA SPRAY DUSTS. Get a good powder gun and with Niagara Dusts you can combat most all garden pests.

No. 1.—Kills insects and worms that eat or chew foliage of plants. Lb. can., 40c.

No. 2.—Kills sucking insects like aphids, lice, etc. Lb. can., 60c.

No. 3.—Rose mildew, blight and fungus troubles. Lb. can., 45c.

No. 4.—Rose Special for mildew, fungus and leaf eaters. Lb. can, 35c.

No. 5.—Kills mildew, etc., and chewing insects. Lb. can., 50c.

No. 6.—"All-In-One" Combination Dust. To prevent disease and attacks of insects. Start early and use it all season. Lb. can., 60c.

NIAGARA POLICE UNITS consists of 1 can each of above dusts and a powder gun. Full instructions. Price complete, \$4.00.

PRUNING COMPOUND OR PAINT. Always use it over new cuts. It forms an elastic film that seals open cuts. Prices: Qt. cans, 65c; gal., \$2.25.

RAT POISONS. We have tried out dozens of kinds and recommend the following as being the best:

RAX.—Non-poisonous to humans, cats or dogs, but a veritable "flu" to rats and mice. Price, 75c, postpaid 80c.

RAT SCENT.—A perfect rat poison all ready to use. Dogs and cats won't eat it but rats and mice will take it in preference to any other food. Price: 8 oz. can., 35c.

RAT NIP.—It's a paste in tin tubes. Squeeze it out on bread, etc. Rats and mice can't resist it. Price, 35c.

SCALE DESTROYER.—OIL SPRAY. For San Jose scale, etc, 1 to 20 parts water, winter, and 1 to 100 for summer. Prices: Qt., 50c; gal., \$1.50; 5 gal., \$6.75.

SEMESAN.—SEED DISINFECTANT. Controls diseases, improves and hastens germination, produces sturdier plants, increases crop yield and improves quality. There is no question about the value. Semesan is a powerful powder, used as a dust or mixed with water for treating all kinds of seeds, roots, tubers and bulbs. Write for free leaflets and booklets giving full information. Leaflets on special crops if asked for.

Prices: Dupont Semesan—for most crops—2 oz., 50c; 8 oz., \$1.60; lb., \$2.75; 5 lbs., \$13.00. Larger quantities, write. Semesan Bel for potatoes: Lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$37.50; 100 lbs., \$140.00.

SLUGS, ETC.—USE SNAROL.—A meal that quickly destroys cutworms, sow bugs, earwigs, grasshoppers snails and slugs. Merely sprinkle Snarol around and under planted vegetation insures them against destruction. Will not in any way destroy plants and rain does not destroy its value. The only effective garden slug destroyer we have ever used. Prices: 1 lb. pkg., 40c; 3 lb. pkg., 85c; 15 lb. bag, \$3.25.

SULPHUR POWDER.—(Flour).— lb., 10c; 3 lbs., 25c; 10 lbs., 75c; 100 lbs., write.

SULPHUR CANDLES.—For fumigating. Each, 15c; 2 for 25c, postpaid.

TALBOT'S INSECT POWDERS.—These very effective powders highly recommended.

ROACH POWDER.—Ant Powder and Bedbug Powder in 25c and 50c cans. Postage, 5c extra.

TREE TANGLEFOOT.—A sticky compound to band trees or large plants to prevent crawling insects from going up the stalks or trunks. Prices: 1 lb. can., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25. Postage extra.

TOBACCO DUST.—1 lb., 15c; 10 lbs., \$1.25.

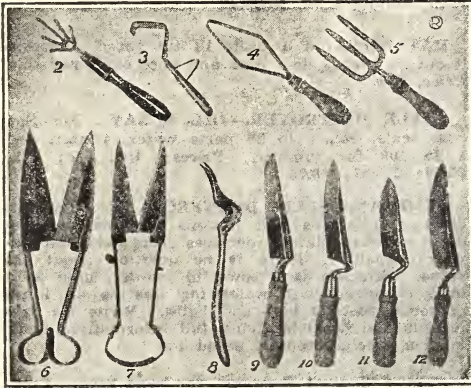
VOLCK.—A powerful insecticide, found to be perfectly safe to use on fruit, shade and ornamental trees and shrubs, evergreens, roses, garden and tender greenhouse plants. Kills and controls red spider, white fly, aphids, mealy bug, mites, mildew, colling moth and San Jose scale. Volck is non-poisonous, pleasant to use. Mixes with water. Fruit growers have used carloads with wonderful results. Special pamphlets with instructions on request. Prices: $\frac{1}{2}$ pt., 50c; pint, 75c; qt., \$1.00; gal., \$3.00; 5 gal., \$12.00; bbl. price, write.

WEED KILLER.—For killing grass and weeds on tennis courts, paths and roadways. Use 1 part Weed Killer to 40 parts of water and apply with sprinkling can. Prices: Qt., 65c; gal., \$1.85; 5 gal., \$8.00. Write for bbl. price.

WHALE OIL SOAP.—Ortho brand liquid spray soap. High grade and in more convenient form than bar soap. Pint, 50c; qt., 75c; gal., \$1.50; bbl. price, write.

Note: Fish oil soap in bars under "F."

Miscellaneous Supplies and Tools You Need



GRASS SHEARS

NO. 6.—High grade, full polish; 6-inch blade. \$1.00; postpaid, \$1.10.
 NO. 7.—5½-inch blade; good value. 50c; postpaid, 60c.

GARDEN TROWELS

Add 7c for mailing.

NO. 9.—Wood handle. 6-inch steel blade: a first-class trowel. 35c.
 NO. 10.—Very strong; all steel; 6-inch. 35c.
 NO. 12.—Best low-priced; 6-inch blade. 15c.
 NO. 13.—Maynard pattern; 6-inch; highest grade. 90c; postpaid, \$1.00.
 NO. 14.—Transplanting, narrow blades, high quality, 25c. Postage extra.

PLANT AND ROSE STAKES

Prices Not Prepaid.

ROUND STAKES.—¾ to 1½ inches diameter; painted green, white top. They will last a long time and always look neat. Per doz., 3 ft., 60c; 4 ft., \$1.00; 5 ft., \$1.50; 6 ft., \$2.00.

BAMBOO—Green, pencil size: Per doz., 2 ft., 25c; 3 ft., 30c; 4 ft., 35c; write for 100 or 1000 price.

BROADCAST SEEDERS

NEW CYCLONE.—Guaranteed to broadcast any kind of farm seed. Can be regulated to sow any amount per acre. Holds ½ bushel. Illustrated leaflet on request. (P. P. wgt. packed, 4 lbs.) Price, \$2.25.

PLANET JR. SEEDERS AND CULTIVATORS.—We stock them. Catalog free.

Corn and Potato Planters

Save time, labor and backache. Add postage if wanted by mail.

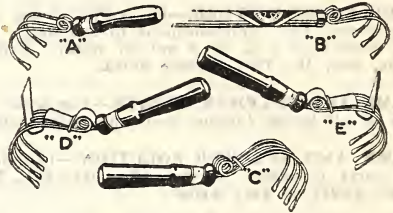
ACME CORN PLANTER.—(See cut No. 6.) A two-handed planter, light and durable. Adjustable from large to small corn and beans. (P. P. wgt., 6 lbs.) Price, \$1.25.

EUREKA TUBULAR POTATO PLANTER.—(See cut No. 7.) Plants any size seed, and at an adjustable uniform depth. Opens automatically by forward movement; most satisfactory in every way. (P. P. wgt., 5 lbs.) Price, \$1.75.

PINGREE POTATO PLANTER.—(See cut No. 8.) Similar to the tubular, but has no tube. You lift the planter up to drop in the potato. (P. P. wgt. 5 lbs.) Price, \$1.25.

HAND WEEDERS

Several good styles. Diamond (see cut No. 4), 25c; Beet, hoe style, 20c; Fork (see cut No. 5), 25c; Excelsior, five-claw (see cut No. 2), 25c; Lang's (see cut No. 3), 25c.



MAGIC WEEDER.—Style "A," 15c; postpaid, 20c; Magic "B," 18-inch, 25c; postpaid, 35c; Magic "C," 35c; postpaid, 45c; Magic "D" or "E," see cut, 50c; postpaid, 60c.

WOODEN LABELS

The tree and pot labels we offer below are strictly No. 1 labels, smooth and well made. The painted labels are "really painted," not dipped in oil. Ordinary lead pencil writing on the painted labels is always readable for a year or more.

Tree Labeler

P. P. Wgt., 4 lbs.	12	100	M
Painted, copper wired.....	\$0.10	\$0.35	\$3.00
Unpainted, iron wired.....	.10	.30	2.50

Pot Labels

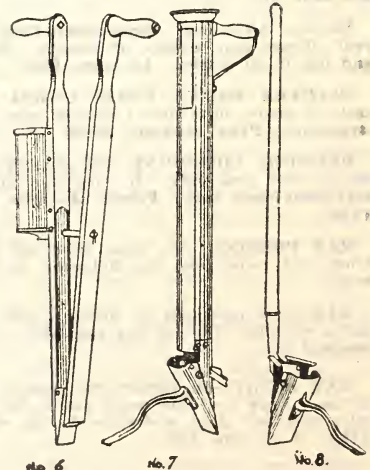
Wgt. Per M	12	100	M
Painted, 4 in. (P. P. 8½ lbs.)..	\$0.10	\$0.35	\$2.25
Painted, 5 in. (P. P. 4½ lbs.)..	.10	.40	3.00
Painted, 6 in. (P. P. 5 lbs.)..	.10	.45	3.50

Garden Labels

Same style as above, but thicker and wider.

Wgt. Per M	12	100	M
Painted, 8 in. (P. P. 20 lbs.)..	\$0.15	\$0.90	\$7.00
Painted, 10 in. (P. P. 25 lbs.)..	.25	1.25	10.00
Painted, 12 in. (P. P. 30 lbs.)..	.30	1.50	14.00
Painted, 18 in. (P. P. 72 lbs.)..	.35	2.25	20.00

FLOWER POTS—WRITE FOR PRICES



Do not forget postage if wanted by mail.

Barker Weeder, Mulcher and Cultivator

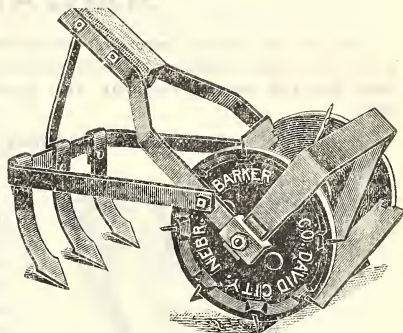
The Barker is three garden tools in one. It has no delicate parts to get out of order and is always ready for use. For deep cultivation use the machine as shown in the illustration and for weeding and pulverizing the top soil you simply turn it over. No changing or adjusting necessary. The revolving reel blades, working in combination with the stationary weeder-knife, destroys the weeds, pulverizes the clods, aerates the soil. The machine is so adjusted that there is about 5/8 of an inch space between the reel blades and the stationary knife, the blades revolving over the knife, granulate the top crust so that the soil pours evenly over the knife, leaving a level, perfect soil mulch.

You can do this work as fast as you can walk. We recommend the Barker; it's fast and easy work to operate it.

If the top soil is baked or hard, use the weeder side first and then reverse it and use the cultivator teeth for deeper work. Long, strong handle with cross bar hand grip.

The Barker works to perfection in all soils except large gravel or rocky soil. Descriptive and illustrated folder on request.

Prices and Sizes—No. 6-D—6 inches wide, \$9.25; No. 8½-D—8½ inches wide, \$10.60; No. 10-D—10 inches, \$11.75; No. 11-D—11 inches, \$12.60; No. 12-D—Largest size (12 inches), \$13.50.



The "Barker" as a Cultivator

RAFFIA

Natural color, highest quality. Long fiber. Price per lb., 30c; 10 lbs., \$2.50; 25 lbs., \$5.00; postage extra. Write for quantity price.

SEED DRILLS—CULTIVATORS

Planet Jr. Catalog gives full information of up-to-date wheel hoes, drills, etc. Free.

NEW AND UP-TO-DATE BOOKS

At your leisure you can learn in a few hours' study and experimenting to find out. Space will we'll gladly send fuller descriptions upon request.

All Prices Postpaid

GARDEN GUIDE.—The amateur gardener's hand book, 275 illustrations; covers all subjects. Paper cover, \$1.10; cloth, \$1.65.

MILADY'S HOUSE PLANTS.—Tells you how to be successful with house plants. Paper cover, 80c; cloth, \$1.10.

HOW TO GROW ROSES (Robert Pyle).—189 pages fine illustrations. A valuable guide. Cloth cover, \$2.25.

ROSES AND THEIR CULTURE (Hubbard).—128 pages, clear and concise. Cloth cover, \$1.50.

PRACTICAL PLANT PROPAGATION (A. C. Hottes).—180 pages. The art and science of increasing plant stocks. Profusely illustrated. Cloth cover, \$2.15.

PLANT CULTURE (Oliver and Hottes).—New and complete guide; 444 pages; concise and authentic. Cloth Cover, \$3.75.

HOME FRUIT GROWER (M. G. Kains).—Covers all subjects, illustrated. Practical guide. Paper cover, \$1.10; cloth, \$1.65.

LITTLE BOOK OF ANNUALS (A. C. Hottes).—A reliable guide throughout the season; 128 pages. Paper cover, \$1.10; cloth, \$1.65.

LITTLE BOOK OF PERENNIALS (A. C. Hottes).—For amateurs and professionals. Paper cover, \$1.10; cloth cover, \$1.65.

PRACTICAL LANDSCAPE GARDENING.—New guide by Gridland. None better. 33 plans, 158 illustrations, 266 pages. Cloth cover, \$2.65.

Other Valuable and Worth While Books

- Asparagus. Hexamer \$1.25
- Bulbs and Tuberos Rooted Plants. By Allen, Complete practical. 312 pages 2.25
- Butter Making. C. A. Publow 1.25
- Making the Farm Pay. Bowsfield. 312 pages; cloth 1.50
- Modern Dahlia Culture. By Wate, 126 pages, up to date, cloth cover 1.65
- New Onion Culture. Greiner 1.25
- Profitable Dairying. C. L. Peck 1.50
- Rhubarb Culture. New. Morse & Fiske... 1.25
- Bush Fruit Production. New book by Van Meter—Raise Your Own Raspberries, Blackberries, etc. 125 pages, cloth 1.50
- Soiling Crops and the Silo. Shaw 2.25
- Success With Hogs. By Dawson. 268 pages. 1.50
- Tomato Culture. Tracy 1.25
- Tomato Production. New. By Paul Work. 128 pages 1.50
- The Potato. Frazer 1.25
- The Strawberry. New edition. By Fraser. 128 pages, cloth 1.50
- Descriptive Leaflets on "Standard Gardening Books" on request.
- POULTRY, BIRD, CAT, DOG AND RABBIT** Books described and priced in our Poultry & Pet Stock Catalog which is free on request.

GARDEN TOOLS OF ALL KINDS

Limited space in this catalog does not permit us to illustrate our large and complete stock of Rakes, Spades, Hoes, Shovels, Pruning Knives and Shears, Grass Hooks or Sickles, Grass Edgers and Cutters, Lawn Mowers and Lawn Rollers, Gopher, Mole, Rat and Mice Traps, Flower Pots, Jardiniers, Garden Urns Etc. If interested in High Quality tested stock of this kind send for illustrated and priced NURSERY AND SUPPLY CATALOG.

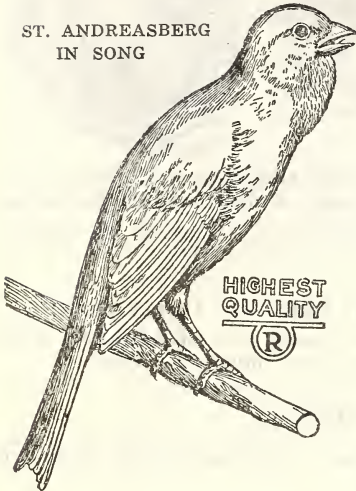
Remember—Our Fall Catalog of Flowering Bulbs Ready September 1st.

SONG AND CAGE BIRDS

We are the largest importers and dealers in Birds and Gold Fish and Pet Stock Supplies in the Northwest. This department of our business has grown rapidly and we have incorporated the Routledge Bird, Pet and Animal Company with headquarters at our new East Side Store, Grand Avenue and Stark.

We Guarantee Our Singers and Will Exchange If Not Satisfactory

ST. ANDREASBERG IN SONG



HIGHEST
QUALITY
®

We issue a 32-page Poultry and Pet Stock Catalog illustrated and descriptive. Free on request.

IMPORTED AND AMERICAN CANARIES

Their cheery song is like sunshine to the soul; their bright plumage, active ways and cheerful dispositions make them great favorites. For your convenience we have inclosed with glass "Bird Parlors" on our first floor. You are welcome any time. Come in and see our birds and hear them sing.

ST. ANDREASBERG. World-renowned and the sweetest singers on earth. These birds have been given a musical training; their song is sweet and soft with many rare and pleasing notes, thrills, rolls, etc. Imported only, Singers \$15.00. Females, \$2.50.

HARTZ MOUNTAIN ROLLERS. Beautiful and incessant singers, always bright, active and cheerful. Note—When ordering tell us if you prefer a loud or medium loud singer. Singers, \$7.50; Selected Singers, \$10.00; Females, \$1.50.

HARTZ MOUNTAIN SINGERS. The well-known and popular American-bred canary. No exchange on these birds. Males, \$5.00; Females, \$1.00; Selected Females, \$1.50.

PARROTS AND PAROQUETS

AUSTRALIAN PAROQUETS—Often called Lovebirds. A little larger than a canary in size, long tails, plumage green, very intelligent and beautiful. Each, \$5.50; pair, \$10.00.

PANAMA PARROT—The most popular with our trade. Easily taught. Deep green plumage. Young, 6 to 8 months old, each, \$30.00; Trained Talkers, \$50.00 and up.

B B OR DWARF PARROTS—Their gentle disposition and winning ways make them great favorites. Green plumage. Each, \$10.00.

BIRD CAGE SUPPLIES

All prices post paid; 5c less if called for.

CAGE CUPS.—Open or closed tops, opal or plain glass. Each, 20c, or 2 for 35c.

SQUARE CAGE CUPS.—Or round cups, 25c.

TONIC OR MEDICINE CUP.—15c, 2 for 25c.

GLASS BIRD BATH HOUSE.—\$1.00, or \$1.10 postpaid.

BATHING DISHES.—Oblong, 25c and 30c.

BIRD NESTS.—Wire or willow, 25c.

NESTING HAIR.—15c, 2 for 25c.

CAGE SPRINGS.—Single light, 15c; heavy, 25c; double, 35c; single with adjustable chain, 35c.

CUTTLE BONE HOLDERS.—15c; with bone, 20c.

WALL BRACKET HOOKS.—Heavy nickle plated round wire, 10 in., 35c; 12 in., 50c. Brass, 5c higher.

BRASS BIRD CAGE STANDS.—Not mailable. Half circle, \$4.00; full circle, \$5.00.

PARROT CAGES.—Round, \$4.25 to \$17.00; square, \$9.00 to \$18.00. Prices based on size.

PARROT STANDS with adjustable tray, \$15.00.

CANARY BIRD CAGES

We believe we carry in stock the largest and only complete stock of Plain and Fancy Bird Cages in the Northwest.

ENAMEL WIRE CAGES range in price from \$2.50 to \$6.00. Bright Steel about the same prices.

Plain Brass Cages, \$3.75 to \$8.00. **Round Brass Cages** from \$4.00 to \$7.50. **Fancy Round,** \$15.00 up. **Fancy Brass (oblong), square base,** \$11.00 to \$15.00 and up.

See our illustrated Pet Stock Catalog for details.

ROBIN CAGES.—Used mostly for breeding and display stock cages, as they come in large sizes, \$5.85, \$6.85, \$7.85, \$8.85 and \$9.85 for No. 85, which is 24x14x23 inches in size.

BREEDING CAGES

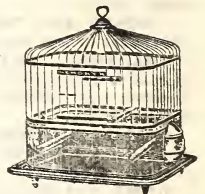
All metal, enameled white, all complete.

No. 86 Single, 17¾x8¾x14 in. high \$5.00

No. 86 Double, 19½x10x14¾ in. high 6.00

No. 87 Double, 22x11x16¼ in. high 7.00

No. 88 Double, 24½x12½x17 in. high 8.50



REMEMBER—Our POULTRY AND PET STOCK SUPPLY CATALOG gives full descriptions and illustrations. Free on request.

Routledge H. Q.—"Highest Quality"—Bird Foods

We are making a speciality of Bird Foods and Remedies and carry in stock the largest and only complete line in the Northwest. Our rapidly increasing trade shows that the public appreciates the opportunity to get H. Q. "HIGHEST QUALITY" foods and remedies of "MERIT" for their pets.

H. Q. ROLLER BIRD SEED

Our own special mixture for Hartz Mountain and St. Andreasberg Canaries; especially prepared for the singers. Contains no hemp, but the correct proportions of highest quality re-cleaned Canary, Sweet Rape, small Golden Millet and a few other seeds to give health and "pep" to the singers.

It is no wonder that thousands of canaries die annually from the effects of common Bird Seeds put up by grocery and drug companies. It is generally old, musty or dusty, inferior seeds, and not correctly mixed.

Try a package of our H. Q. and note the difference and also the saving, even though it is a little higher in price.

"H. Q." Sold Only in Sealed 1-Lb. Cartons.

Price, large full pound cartons, with small envelope of Bird Sand and piece of cuttlebone, 25c lb. Add postage if wanted by mail.

H. Q. HEMP SEED.—Hemp is the large, round, dark-grey seeds found in all cheap mixtures. It is very heating and fattening and should be fed sparingly and not to singers at all. Lb., 20c; 10 lbs., \$1.25

H. Q. CANARY.—There is a big difference in the stock and quality of canary. Buy our re-cleaned imported seed. Quantity price on request. Lb., 20c; 10 lbs., \$1.50

H. Q. MILLET.—Small golden soft shell, fresh and re-cleaned Lb., 15c; 10 lbs., \$1.25

H. Q. SWEET BIRD RAPE.—Easily detected by the sweet taste. Beware of cheap rape. Large or small seed. Lb., 20c; 10 lbs., \$1.60

"H. Q." CRYSTAL AGATE BIRD GRAVEL.—A new and ideal product, becoming very popular with bird fanciers. 2-lb. carton 15c

H. Q. SILVER BIRD SAND.—White and clean; put up in 2-lb. cartons, 15c; in bulk, 5 lbs., 30c; 10 lbs., 50c.

RED BIRD GRAVEL.— 2-lb. box 20c

MAW (Poppy).—Bird tonic. 40c lb.

LETTUCE SEED.—For birds. 35c lb.

CUTTLE BONE.—High grade, large size. Each, 10c, or 2 for 15c, postpaid; with patent fasteners on holders, 10c and 15c, postpaid.

NOTE.—Add postage to all foods above when ordering by mail.

These H. Q. Remedies are our own preparations and fully guaranteed. Our own experts and our Veterinarian know pet stock, their ailments and best cures. Consultation free. Complete Instruction in each carton.

A "Tonic" or "Medicine Cup" is the ideal way to feed these special foods. Only 15c, postpaid.

ROUTLEDGE SONG RESTORER.—For loss of voice and song. A wonderful preparation in dry granulated form. Used in conjunction with our liquid Song Tonic, alternating daily, invariably restores the song quickly. Postpaid 25c.

ROUTLEDGE HEALTH FOOD.—Feed in "tonic cup" twice a week. Especially compounded to combat intestinal ailments of birds, a trouble not generally understood but is the cause of many birds dying yearly. Postpaid 25c.

ROUTLEDGE GENERAL TONIC.—Made to meet a demand for helping birds in a rundown condition where there is no definite ailment existing but still there is need for a tonic. Gives quick results. Put in water cup. Postpaid 25c.

ROUTLEDGE MOULTING FOOD.—Supplies the necessary elements of food value required by a bird at the beginning and during moulting time. Postpaid 25c.

ROUTLEDGE SONG TONIC.—For loss of voice and diseases of the respiratory organs. Put in water cup. Postpaid 25c.

ROUTLEDGE COLD REMEDY.—Birds suffering from colds, asthma and kindred troubles should have immediate attention. Keep the remedy on hand. Postpaid 25c.

ROUTLEDGE BIRD LAXATIVE.—Composed of vegetable oils, effective but harmless. Postpaid 25c.

ROUTLEDGE BIRD OINTMENT.—To keep down the unusual dryness of the epidermis. Don't neglect the bird's feet and legs. Use this ointment for scales, roughness and leg mites. Postpaid 25c.

ROUTLEDGE DIARRHOEA REMEDY.—The best that money and skill can produce. Offered to a peer for quick and healthful results. Use our Bird Laxative first. Postpaid 25c.



ROUTLEDGE BIRD LINIMENT.—One of the greatest remedies for diseases of the feet and legs of birds, also for skin troubles. Postpaid 25c.

H. Q. CAGE WASH (Mite Destroyer).—Tablespoonful to a quart of hot water. 25c, postpaid 30c.

H. Q. BIRD LICE DESTROYER.—Put up in a powder blower, all ready to use. 35c, postpaid 40c.

H. Q. BIRD INSECT POWDER.—For bird lice, etc. Pkt., 15c; large pkg., 30c, postpaid.

H. Q. DEPLUMING MITE LIQUID.—For loss of neck and head feathers. Postpaid, 30c.

CANARY LEG BANDS.—Doz. 30c.

BIRD MANNA, PEP, CANARY HIGH BALLS, or SING SONG.—All well known combined foods and tonics, 20c; 2 for 35c.

SPRATT'S COD LIVER OIL NESTLING FOOD.—For young birds. Pkg. 20c; 2 for 35c.

PARROT FOODS—TONICS, ETC.

H. Q. MIXED PARROT SEEDS.—A change from straight sunflower. Lb., 25c; 5 lbs., \$1.00; postage extra.

H. Q. SUNFLOWER.—Plump seeds, re-cleaned properly cured. Lb., 20c; 5 lbs., 90c; postage extra. Large Black Imported Seed, lb., 25c; 4 lbs., 90c; postage extra.

H. Q. GENERAL PARROT TONIC.—Postpaid 25c.

PARROT SPRAY.—Per bottle, postpaid, 60c.

PARROT BISCUIT.—Postpaid 35c.

PARROT HEALTH FOOD.—Postpaid 35c.

NOTE.—To be sure of our "H. Q." (Highest Quality) stocks see that the package is marked Routledge Seed & Floral Co., or Routledge Bird, Pet & Animal Co.



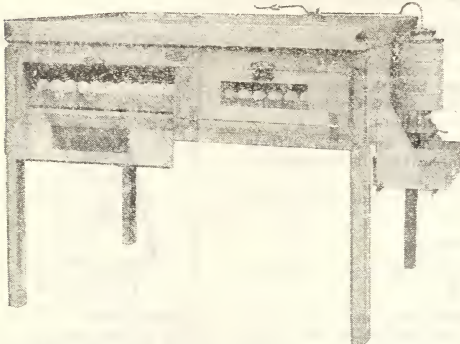
Look for this design (in green, yellow and red ink). Our registered Bird Seed Carton — "Best by Test."

ST. HELENS

**HOT WATER
AND ELECTRIC**

INCUBATORS

STANDARD ST. HELENS



280-Egg St. Helens Standard Incubator

HATCHERYMAN'S SPECIAL

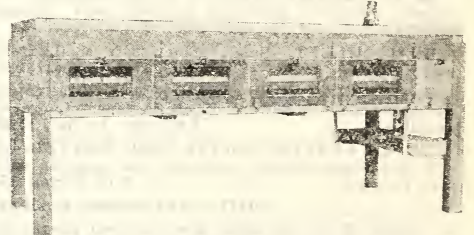
The new Filtered Air Process — perfect humidity at all times. No guesswork; larger and heavier chicks from every hatchable egg. Automatic egg turners and time saving equipment. Full description on request.

- 320 Egg Special, 35x53 inches.....\$60.00
- 640 Egg Special, 35x91 inches..... 96.00

We have made arrangements to be sales agents for these up-to-date, well-made, successful hatchers. The 1928 St. Helens Incubators are the result of 25 years' practical experience by a practical poultryman who knows "what's what" and who has made a real success, and who is willing to let you be the judge. They are fully guaranteed for 10 years.

Portland Prices. — All of the new standard incubators are fitted with automatic egg turners and a new metal enclosed lamp chamber, making them fireproof.

70 Egg Special St. Helens.....	\$14.50
110 Egg Special St. Helens.....	18.75
140 Egg Standard St. Helens.....	23.25
280 Egg Standard St. Helens.....	31.00
420 Egg Standard St. Helens.....	43.50
560 Egg Standard St. Helens.....	57.00



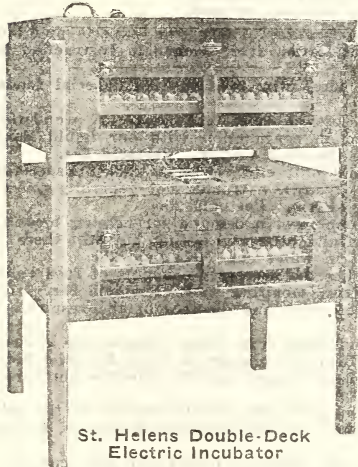
Hatcheryman's Special, 640-Egg

ST. HELENS ELECTRIC INCUBATOR

The most complete, practical and efficient incubator operated by electricity. Successful in every way. Convenient, safe and no trouble—simply attach to any lamp socket of 110 volts (other voltage to order).

Has the same perfect construction as the new Filtered Air lamp heated incubators. Complete booklet on request.

Price—You can have one, two or three sections at \$62 per section of 320-egg capacity.

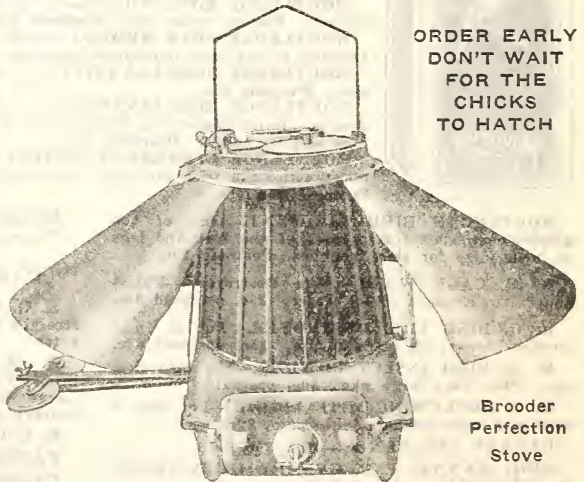


St. Helens Double-Deck Electric Incubator

PERFECTION BROODER STOVE

Here is a stove especially adapted to burning western low grade coal, bark, briquettes or coke. The latest improved, large firebox, wide grates, can't clog as the body flares out. Heavy cast iron body and automatic heat regulator. Top coal feed. Canopy spreads heat evenly, preventing crowding. Nothing complicated; any person can operate it. All complete with exception of stovepipe.

Portland Prices. — 42 inch canopy (400 chick), \$17.25; 52 inch canopy (600 chick), \$22.25. Stovepipe, 30c per 2 foot joint.



Brooder Perfection Stove

**ORDER EARLY
DON'T WAIT
FOR THE
CHICKS
TO HATCH**

Please Note.—We rate the brooders correct as to number of chicks brooded for best results. They are usually rated much higher. Order Your Brooders Early—Don't wait for the rush season.

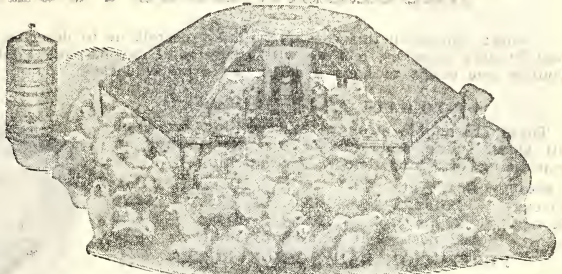
BROODERS — SUCCESSFUL AND UP-TO-DATE

SOL-HOT WICKLESS OIL BURNING BROODERS

If you buy a "Sol-Hot" you will have the satisfaction of knowing you are getting one of the best. A brooder that will raise your chicks with less losses, less danger, less labor, less worry and with a minimum fuel expense. Can be used in most any kind of a light, properly ventilated room, brooder house or the open front poultry house with drop curtain.

Descriptive folders on request.

Note.—Our surplus stock of 1926 models, which many claim are unsurpassed, we are offering at Bargain Prices.

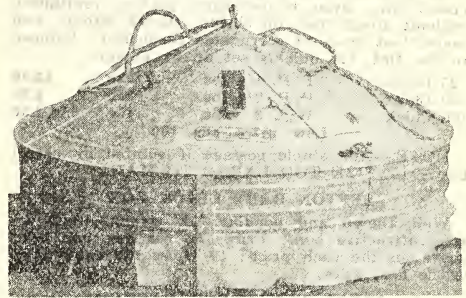


1928 Model Sol-Hot Brooder

Size of Canopy	Chick Capacity	1928 Model	1926 Model
24-inch.....	75 to 100.....	out	\$ 7.75
34-inch.....	200 to 300.....	\$18.50	12.00
44-inch.....	400 to 500.....	22.00	13.75
54-inch.....	600 to 1000.....	24.50	15.25
54-inch Giant	1000	26.75	out
64-inch Giant	1000	29.00	out

ST. HELENS ELECTRIC BROODER

The best electric brooding device on the market today. Operates at a low cost, easily regulated; automatic in control, gives proper ventilation. Has pilot light, thermometer, extension cord and felt curtains. Folder on request.



St. Helens Electric Brooder

PORTLAND PRICES

With Full Instructions and Feeding Chart

32-inch hover, 200 chicks.....	\$20.75
42-inch hover, 350 chicks.....	27.85
52-inch hover, 500 chicks.....	34.00
60-inch hover, 750 chicks.....	50.00

ST. HELENS NEW FLAT TOP "UNDER HEAT" ELECTRIC BROODER

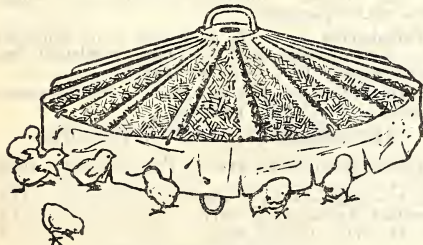
Claimed to be far in advance of any electric brooding device. Extra heating system for unusually cold spells. Automatic and perfect in every way; 500-chick capacity; size 3x8 feet. Write for descriptive folder and testimonials. Weight 400 lbs. Portland price, \$52.50.



Electric "Flat Top" Brooder

IDEAL ELECTRIC BROODER

This new all-metal brooder will brood up to 100 baby chicks. Ideal for the city poultry raiser who has electric lights. Can be used in any protected room or placed in a box brooder for either inside or outdoor use. The hover is 24 in. in diameter. Price, \$3.85. If wanted by parcel post, send postage for 7½ lbs.



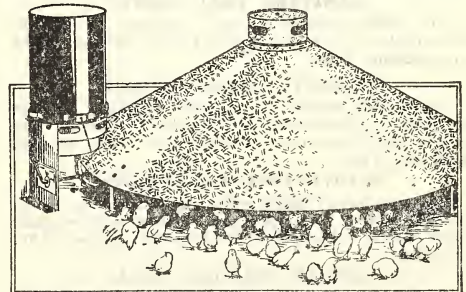
Ideal Electric Brooder

NESCO BROODERS

The burner, which stands in the center of the canopy and 12 inches above the floor, supplies clean, constant heat which is spread evenly all around. Any gas or smell from the burner escapes directly to the ventilator.

These heaters are safe, simple, economical and easy to operate. A reliable oil brooder stove at a very low cost at following prices:

42-inch canopy.....	400 chicks.....	\$14.65
52-inch canopy.....	600 chicks.....	16.00



Nesco Brooder

A COMPLETE CATALOG ON REQUEST.—Limited space in this catalog will not permit us to give a detailed description and full illustrations, but we will gladly mail a copy of our 32-page Poultry Supply Catalog, also special folders, and a careful reading will convince you of the superiority of these practical hatching machines.

MISCELLANEOUS POULTRY SUPPLIES

Note: Space in this catalog will not permit us to describe our complete line of Incubators, Brooders and Poultry Supplies, but we will gladly send our 32-page Poultry and Pet Stock Catalog. If you raise poultry you ought to have a copy. Free on request.

UP-TO-DATE EGG CARRIERS

These are double strength and cushion frame on all sides. Safe and reliable for the mailing or expressing of "fancy eggs" for hatching.

Size	Doz. Wgt.	Each	Doz.
15 egg	12 lbs.	25c	\$2.75
30 egg	20 lbs.	40c	4.50

Add postage if wanted by mail.

PERFECTION BABY CHICK BOXES

These insure the safe arrival of your chicks.

New Model—latest and best. No corners to crowd into, even temperature, perfect ventilation without direct draft on chicks. Extra strong, well made, best grade of corrugated cardboard. Shipped in the flat, but quickly set up by anyone.

25 Chick	P. P. 1¼ lbs.	25c	\$2.40
50 Chick	P. P. 2¼ lbs.	35c	3.20
100 Chick	Wgt. 3 lbs.	45c	4.50
Low price per 100			

NOTE.—Add ample postage if wanted by parcel post. 100-SIZE TOO LARGE TO MAIL.

SEFTON BABY CHICK BOX

Well known and popular. A strong, light yet safe, attractive box. Prices 5c per box less than above on the each price; 10 times the each price is the doz. price.

IDEAL EGG 12-EGG PACKER

All up-to-date poultrymen and marketmen use this box for delivering table eggs.

Price—Per doz., 20c (P. P. 1¾ lbs.); 100 for \$1.10 (P. P. 11 lbs.); 1,000, write for price.

UP-TO-DATE SHIPPING COOPS

These are light, strong and safe coops for shipping Fancy Poultry. We sell them in the flat but each piece is marked, so it is little trouble to nail them together.

No. 2—10x18x24, 60c each; doz. \$6.60; No. 4, 10x24x24, 75c each; doz. \$7.50; No. 6, 19x24x24 inches, 95c each; doz. \$9.50.

NEW MODEL CLOVER CUTTER

Strong and satisfactory. All iron, 7-inch spiro steel cutting knives. For green or dry material. Length, 28 inches, Wgt., 70 lbs. Price \$18.00.

PROGRESSIVE OAT SPROUTERS

Write for descriptive leaflet of these ideal oat or grain sprouters. We have three sizes. No. 0, capacity to supply 100 hens, \$9.00; No. 1, for 500 hens, \$21.00; No. 2, for 1,500 hens, \$47.50.

SANITARY TRAP NESTS

All metal, vermin proof. Correct in design. Five nests (10x12 inches each) in a section. Price per section, \$8.50.

AUTOMATIC CHICK GREASER

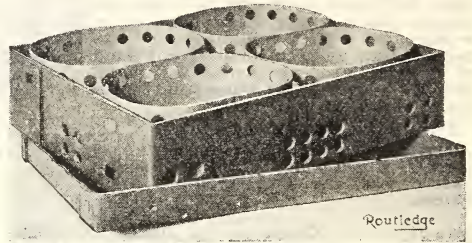
For young chicks. A feeder and hand greaser combined. Automatic, no trouble to use. The grease kills head lice. Price, each, \$1.25, or post paid for \$1.35.

SEARCHLIGHT EGG TESTER

It's an electric light globe constructed so as to quickly detect infertile eggs. Fits any electric light socket. Pamphlet on request. Price \$5.00, postpaid.

STOVER GRINDING MILL

Has all the good features of a hand mill for grinding dry bone, shells, charcoal, etc. No. 32—16 in. flywheel, Wgt. 40 lbs. \$7.00



New Perfection 100-Chick Box

GLASS AND LIME NEST EGGS

Opal Glass Nest Eggs—Best grade heavy glass, correct shape. 3 for 10c; doz. 40c, postpaid; per gross \$4.00.

Lime Nest Egg—Preferred by many; non-breakable. More natural.

Each, 5c; 3 for 10c; 12 for 40c; postpaid; per gross, \$4.00.

Medicated or Lice Repellent—Sale discontinued; government agents condemn them.

EGG PRESERVERS

Ahler's—A manufactured powder to be mixed with water. Will keep eggs sweet, full, perfect in flavor and appearance. The same as a fresh egg. No expert can distinguish them from a new-laid egg. The quality of the egg remains perfect. Treated eggs will boil, poach and the white will whip. Eggs can be taken out of the solution after one week if you wish and they will keep perfectly. Full instructions on each package.

Prices—½ lb. pkg., enough for 30 doz. eggs, 50c; 1½ lb., \$1.00. Postage extra. Descriptive leaflet on request.

POULTRY KILLING KNIVES

Pilling's Angular, nickle plated.....50c
Pilling's French, straight blade.....50c
Russell, round wood handle, pointed steel blade, very popular style.....60c

CAPONIZING INSTRUMENTS

Poultrymen can double their profits by caponizing the young cockerels. The operation is easily learned. The instructions are full and explicit. Free booklet on request.

Lansdowne Set No. 1—Very popular, easy for the beginner. Price \$3.50 postpaid.

Valentine's—Made of high quality materials by a local breeder, who claims it is the most practical set yet offered. Illustrated leaflet on request. Price \$3.50 postpaid.

Philadelphia is O. K. and has many admirers. The most popular outfit. Price, cardboard box, \$2.50; wooden box, \$2.75, postpaid.

Cornell—One of the new sets. Highly recommended. Price \$5.00, postpaid.

THERMOMETERS FOR INCUBATORS

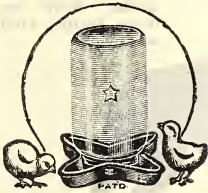
Tycos', tested, high grade. For incubators (postpaid):

No. 22—Suspends on a wire.....\$1.10
Certified Tycos (style 22).....1.25
No. 23—With folding legs......95

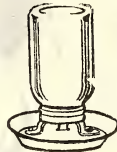
For Brooders

For most any style hover or brooder. State make of brooder you want it for. Each \$1.00.

Poultry Supplies—Continued



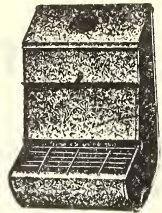
Star Chick Server



No. 6 Perfect



Moe's Round



Dry Mash Hoppers

SANITARY DRINKING FOUNTAINS AND FEEDERS

We have many different styles but only list a few. Poultry & Pet Stock catalog gives full illustrations.

Perfect Chick Server No. 6—Improved style, enamel pan with collar to fit any Mason glass jar. For grain, water or buttermilk. Each 15c; doz., \$1.50, postpaid.

Moe's Star Chick Server—Made of bright tin plate, used with Mason jar. Each 15c; doz., \$1.35, postpaid.

Moe's Round Chick Server—Feeding holes in top lid. 8-hole, size, 15c; 12-hole size, 25c. By mail 10c extra.

CHAMPION "TELESCOPE" FOUNTAIN

Made of best grade galvanized iron. Top pulls out, making it easy to clean and fill. Prices— $\frac{1}{2}$ gal., \$1.00; (P. P. Wgt., 2 $\frac{1}{2}$ lbs.); 1 gal., \$1.25, Wgt. 3 $\frac{1}{2}$ lbs.; 2 gal., \$1.60, Wgt. 5 lbs.; 3 gal., with 3 cups, \$2.50, Wgt. 10 lbs. (Wgts. include packing for P. P.)

GALVANIZED FEEDERS

Moe's Wall Style—3 compartments (P. P. Wgt. 4 lbs.), each 90c; 4 compartments (P. P. Wgt. 5 lbs.), each \$1.25.

Moe's No. 139—Adjustable magazine, self feeder for small chicks, capacity 2 qts. For chick feed, mash or liquids. Each 95c, or \$1.10 postpaid.

DRY MASH HOPPERS

Heavy galvanized. Birds cannot waste the feed and they are rat-proof.

	Capacity	Price
No. 35 (P. P. Wgt. 6 lbs.)	10 qts.	\$1.65
No. 36 (P. P. Wgt. 7 $\frac{1}{2}$ lbs.)	18 qts.	2.40
No. 37 (P. P. Wgt. 12 lbs.)	36 qts.	3.10

AUTOMATIC WATER VALVES

All poultrymen know the value and convenience of these. We offer 3 styles, all good. Moe's, Guaranteed, Reliable, or Hawe's at \$1.00 each; \$1.15 postpaid.

Poultry Supply Catalog gives illustrations and full description.

EGG GRADING SCALES

See Poultry Catalog for illustrations and full description.

Acme No. 2—Without any adjusting, grades from 18 to 26 oz. Price \$3.00; postpaid \$3.25.

Gilt Edge—Grades from 18 to 29 oz. by changing weights. Each \$1.25; postpaid \$1.35.

VIO RAY-FLEXIBLE SCREEN GLASS

For poultry houses, scratching sheds and hotbeds. Better than glass. Will not break and transmits healthful life-producing violet rays. Comes in 100 ft. rolls, 3 ft. wide. We cut any length wanted. Price 14c sq. ft., \$1.25 sq. yard.

CONKEY'S POULTRY REMEDIES

Conkey's Poultry Book Free.

Roup Remedy (powder)	30c, 60c, \$1.20
Roup Pills, Special	30c, 60c, \$1.20

BABY CHICK TOE MARKERS

Petty or Moe style, postpaid	25c
Ideal, Punch style, good size	50c

LEG BANDS FOR POULTRY

Adjustable Aluminum Band, raised figures
Prices—12 for 20c; 25 for 25c; 50 for 40c; 100 for 65c; 500 up at 60c per 100.

SPIROLO CELLULOID LEG BANDS

Durable, practical and very popular. Quickly and easily put on.

Order by number and state color wanted.

Sizes: No. 1 for Baby Chicks; No. 2, Pigeons; No. 2 $\frac{1}{2}$, Bantams or growing chicks; No. 3, Leghorns, all Mediterranean and Spanish; No. 4, Rocks, R. I. Reds and American classes; No. 5, Asiatic classes and Ducks; No. 6, Asiatic Males, Turkeys and Geese.

Prices, postpaid—Any color Nos. 2, 2 $\frac{1}{2}$, 3 or 4, 12 for 20c, 25 for 25c, 50 for 40c, 100 for 60c; 500 up at 50c per 100. No. 5 and No. 6 sizes are 12 for 20c, 25 for 30c, 50 for 45c, 100 for 70c.

Baby Chicks—No. 1, 12 for 15c, 50 for 30c, 100 for 45c; 500 up at 40c per 100, postpaid.

Wing Bands—We offer double clinch aluminum, $\frac{1}{4}$ inch wide, same prices as Adjustable above.

Sure Clinch (Adjustable)—Improvement over the old Double Clinch. This one is adjustable to 3 sizes. Aluminum, $\frac{3}{8}$ inch wide, numbered from 1 to 1000. Prices—12 for 20c; 25 for 35c; 50 for 60c; 100 for 85c; 500 up 75c per 100.

Economy, Colored Bands—Aluminum back, celluloid face, large, double numbers. $\frac{1}{2}$ in. wide.

For Pigeons—Nos. 1 to 100 in red, green, pink, blue or black. Prices—6 pair (12 bands) 30c; 25 pair 75c; 50 pair \$1.40.

For Poultry—Same as above numbered 1 to 300. Same colors. Prices—12 for 35c; 50 for \$1.00; 100 for \$1.75.

POULTRY REMEDIES AND FOODS

Cholerine—A conditioner and preventative against intestinal troubles. We sell barrels of it. Prices—6 oz. bottle, 50c; 16 oz., 70c; gal., \$2.50; 5 gal., \$11.25. Leaflet on request.

H. Q.—RED CAPSULE WORM REMEDY

A new and individual treatment that promptly expels intestinal worms in poultry. Prices—12 for 25c; \$1.00 per 100; 250 to 500 at 90c per 100, postpaid.

H. Q. Pine Oil—6 oz. 35c; qt. 85c; gal. \$2.50. Full directions on label.

Ocuculum—A liquid germicide. 3 size bottles, 15c, 60c and \$1.10, postpaid, with booklet, giving full information.

White Diarrhoea Remedy—Save your baby chicks by putting it in their drinking water. Price, 30c, 60c and \$1.20.

H. Q. NORWEGIAN COD LIVER OIL

Rich in vitamins—Per gallon, \$2.75.

Pet Stock Fanciers

When you want Dog, Cat, Bird, Poultry or Pet Stock Supplies of any kind, trade at Northwest Headquarters.

Our complete PET STOCK CATALOG gives full descriptions and prices.. Free on request.

WE SELL Q. W.,
CLAYTON'S,
GLOVER'S,
SARGENT'S AND
SPRATT'S LINE OF
DOG AND CAT
REMEDIES
AND FOODS.

We carry in stock at our East Side as well as our West Side Store, the largest and only complete line of Dog Collars, Leads, Blankets, Sweaters, Muzzles, Sleeping Baskets, Suitcase and Basket Carriers, Dog Brushes and Combs, etc. Prepared Dog and Puppy Foods, Biscuits and Cakes. "Calo" canned cooked meat, cereals, vegetables, etc. All the leading and worthwhile brands of Foods Medicines and Remedies.

We are Distributors of the famous ILAK DOG AND CAT SHAMPOO and CALIFORNIA ANIMAL FOOD CO.'S Dog and Puppy Biscuit, Calo Dog Food, Rations, etc.



Puppies of all kinds. Write for price, stating kind wanted.

CATS — KITTENS — FOODS — SUPPLIES



Catnip.—All cats need catnip in some form. Catnip Leaves, 15c pkg.; Catnip Balls or Catnip Mouse, filled with catnip, playthings for cats, 20c each; all 3 for 50c. Spratt's Cat Food.—(2-Lb. pkg.). 40c; Malted Kitten Food, 40c; Cat Shampoo, 60c.. All prices postpaid. Cat Supplies, Remedies fully described in Pet Stock Catalog—Free.

GOLDFISH, GLOBES, FOOD, ETC.

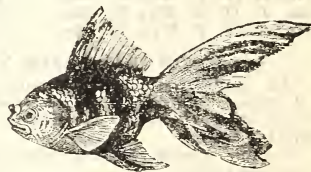
We are the largest retail and wholesale dealers in Fancy Gold Fish in the Northwest, often having a thousand or more on display in our large aquarium at our stores.

Gold Fish.—Common, Japanese Fan Tail, Comet and Telescope, depending on size, 35c, 50c, 75c and \$1.00 up.

Fish Food.—H. Q. Natural 20c; Rice Wafer or Flake, 25c, postpaid.

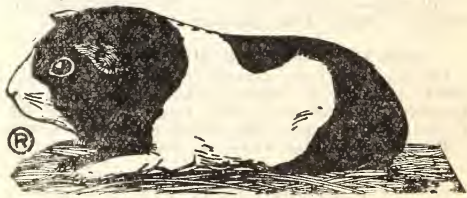
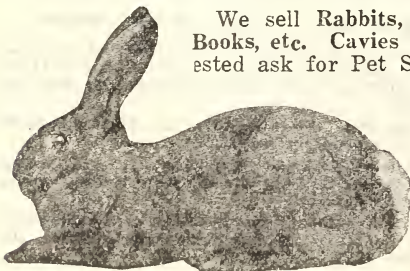
Aquarium Plants or Fish Moss, 25c each, postpaid.

Fish Globes, Globe Stands, Globe Castles, Sea Shells, Aquarium Ornaments, Figures and Novelties all illustrated and priced in our Complete Pet Stock Catalog—Free.



Japanese Fan-Tail

We sell Rabbits, popular breeds; Rabbit Supplies and Remedies, Books, etc. Cavies or Guinea Pigs and books on care, etc. If interested ask for Pet Stock Catalog—Free.



English Cavy (Guinea Pig)

A post card request will bring our complete Poultry and Pet Stock Catalog—It's free to all Pet Stock Fanciers.

REFERENCE TABLES

Quantity of Seeds to produce a given number of plants or to sow an acre

Vegetable Seeds

	Per Acre		Per Acre
Asparagus—1 oz. to 400 plants.....	4 lbs.	Leek—1 oz. to 200 ft. drill.....	3 lbs.
Beans, Dwarf—1 lb. to 125 ft. drill.....	40 lbs.	Lettuce—1 oz. to 200 ft. drill.....	3 lbs.
Pole—1 lb. to 150 ft. drill.....	35 lbs.	Melon, Musk—1 oz. to 100 hills.....	2 lbs.
Pole—1 lb. to 200 hill.....	25 lbs.	Water—1 oz. to 25 hills.....	2 lbs.
Field—1 lb. to 200 ft. drill.....	35 to 45 lbs.	Okra—1 oz. to 100 ft. drill.....	5 lbs.
Lima—1 lb. to 75 hills.....	35 lbs.	Onion Seed—1 oz. to 150 ft. drill.....	3 lbs.
Beet, Table—1 oz. to 60 ft. drill.....	6 lbs.	For Sets.....	50 lbs.
Mangel—1 oz. to 75 ft. drill.....	5 lbs.	Onion Sets—1 lb. to 35 ft. drill.....	200 lbs.
Broccoli—1 oz. to 3,000 plants.....	3 ozs.	Parsnips—1 oz. to 200 ft. drill.....	3 lbs.
Brussels Sprouts—1 oz. to 3,000 P.....	3 ozs.	Parsley—1 oz. to 350 ft. drill.....	2 lbs.
Cabbage—1 oz. to 3,000 plants.....	4 ozs.	Peas, Dwarf—1 lb. to 125 ft. drill.....	75 lbs.
Carrot—1 oz. to 150 ft. drill.....	2½ lbs.	Tall—1 lb. to 150 ft. drill.....	60 lbs.
Cauliflower—1 oz. to 4,000 plants.....	3 ozs.	Pepper—1 oz. to 2,000 plants.....	4 ozs.
Celery—1 oz. to 5,000 plants.....	4 ozs.	Potatoes—(15 lbs. to 100-ft. row) 800 to 1000 lbs.	
Chicory—1 oz. to 100 ft. drill.....	4 lbs.	Pumpkin—1 oz. to 25 hills.....	3 to 4 lbs.
Corn, Sweet—1 lb. to 150 ft. drill.....	15 lbs.	Radish—1 oz. to 100 ft. drill.....	10 lbs.
Sweet—1 lb. to 160 hills.....	12 lbs.	Rutabaga—1 oz. to 250 ft. drill.....	1 to 2 lbs.
Corn Salad—1 oz. to 50 ft. drill.....	5 lbs.	Salsify—1 oz. to 100 ft. drill.....	8 lbs.
Cucumber—1 oz. to 100 hills.....	2 lbs.	Spinach—1 oz. to 100 ft. drill.....	8 lbs.
Endive—1 oz. to 300 ft. drill.....	2 lbs.	Squash, Summer—1 oz. to 30 hills.....	3 lbs.
Horseradish Roots.....	10 to 15 M.	Winter—1 oz. to 25 hills.....	3 lbs.
Kale, Table—1 oz. to 3,000 plants.....	1 lb.	Tomatoes—1 oz. to 3,000 plants.....	2 to 3 ozs.
Stock—1 oz. to 300 ft. drill.....	1 to 2 lbs.	Tobacco—1 oz. to 4,000 plants.....	
Kohl-Rabi—1 oz. to 300 ft. drill.....	2 lbs.	Turnips—1 oz. to 250 ft. drill.....	1 to 2 lbs.

Field, Farm, Grass and Clover Seeds

	Quantity per Acre		Quantity per Acre
Alfalfa.....	12 to 15 lbs.	Rye Grass—for pasture.....	20 to 30 lbs.
Artichokes.....	400 to 600 lbs.	Rye Grass—for Lawn.....	100 lbs.
Barley—(drills 75 lbs.).....	broadcast 100 lbs.	Sudan—drills.....	3 to 5 lbs.
Buckwheat—(drills 35 lbs.).....	broadcast 50 lbs.	Broadcast.....	16 to 20 lbs.
Cheat.....	75 to 100 lbs.	Kaffir Corn—drills.....	6 to 10 lbs.
Clover—Alsylke and White.....	6 to 8 lbs.	Millet.....	20 to 30 lbs.
White for lawn.....	1 lb. to 20 ft. square	Oats—for Seed.....	75 to 100 lbs.
Crimson.....	15 to 20 lbs.	For Hay.....	100 lbs.
Red.....	10 to 12 lbs.	Potatoes—(60 lbs. per bushel).....	15 to 18 bu.
Sweet.....	15 to 20 lbs.	Peas, Field—100 lbs. or 80 lbs. with 35 lbs. Oats	
Corn, Field—Hills.....	10 to 12 lbs.	Rape—(drills 3 lbs.).....	broadcast 5 lbs.
For Fodder, drills.....	50 lbs.	Rye—for Grain.....	60 to 75 lbs.
Flax.....	35 to 45 lbs.	For turning under.....	100 lbs.
Grass, Kentucky Blue—Pasture.....	20 to 30 lbs.	Speltz or Emmer.....	80 lbs.
Kentucky Blue—for Lawns.....	1 lb. to 15 ft. sq.	Sugar Cane.....	10 to 12 lbs.
Mixed Lawn.....	1 lb. to 15 ft. sq.	Sunflower.....	5 to 7 lbs.
Red Top—Hulled, Solid Seed.....	8 to 10 lbs.	Timothy.....	10 to 12 lbs.
Orchard.....	25 to 30 lbs.	Vetches.....	80 lbs. or 60 lbs. with 40 lbs Oats
Brome Grass.....	20 to 30 lbs.	Vetch, Hairy or Sand.....	30 lbs.
		Wheat.....	.90 to 120 lbs.

Suitable Distance for Planting Trees and Plants

Note.—Depending on method of cultivation. In planting in the home garden for hand cultivation you can set plants or trees closer.

Apples, Standard.....	25 to 35 feet	Strawberries, in Hills.....	2 by 3 feet
Apples, Dwarf.....	10 to 12 feet	Strawberries, Matted Rows.....	2½ by 4 feet
Pears, Standard.....	20 to 25 feet	Asparagus, in Beds.....	1 by 1½ feet
Pears, Dwarf.....	10 feet	Asparagus, in Field.....	1 by 4 feet
Peaches and Apricots.....	18 to 22 feet	Rhubarb.....	3 by 6 feet
Cherries, Sweet.....	30 to 35 feet	Logans and Cory Blackberries—	
Cherries, Sour.....	18 to 22 feet	Rows.....	.6 to 9 ft. apart
Plums and Prunes.....	20 to 25 feet	Plants in the row.....	.6 to 10 ft. apart
Quinces.....	15 to 18 feet	Grapes—	
Walnuts.....	40 to 50 feet	Rows.....	.6 to 9 ft. apart
Currants.....	3 by 6 feet	Plants in the row.....	.6 to 10 ft. apart
Gooseberries.....	4 by 6 feet		
Raspberries.....	3 by 6 feet		

Number of Trees or Plants On An Acre

1 by 2 feet.....	21,780	3 by 5 feet.....	2,904	12 by 12 feet.....	302
1 by 3 feet.....	14,520	3 by 6 feet.....	2,420	15 by 15 feet.....	193
1 by 4 feet.....	10,890	4 by 4 feet.....	2,722	16 by 16 feet.....	170
1½ by 2 feet.....	14,520	4 by 6 feet.....	1,815	18 by 18 feet.....	135
1½ by 3 feet.....	9,680	6 by 3 feet.....	927	20 by 20 feet.....	109
2 by 3 feet.....	7,260	6 by 6 feet.....	1,210	25 by 25 feet.....	70
2 by 4 feet.....	5,445	8 by 8 feet.....	680	30 by 30 feet.....	48
3 by 4 feet.....	3,630	10 by 10 feet.....	480	40 by 40 feet.....	27

RULE.—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet, for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants to the acre.

Our Motto
HIGHEST QUALITY



New Gladioli

"BENGAL
TIGER"

**Routledge
Seed & Floral Co.**

PORTLAND, ORE.